SCREENING SITE INSPECTION REPORT
FOR
GOLF AND RIVER LANDFILL
DES PLAINES, ILLINOIS
U.S. EPA ID: ILD980612717
SS ID: NONE
TDD: F05-8710-030

PAN: FILO622SB

JULY 9, 1991





ecology and environment, inc.

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Prepared	by:	Sur shout for AD Date:	7/10/91
		Andrea L. Davys	• • • •
		FIT Team Leader Ecology and Environment, Inc.	
		Ecology and Environment, inc.	
Reviewed	by:	Waster Tahl for M.A Date:	7/10/91
		Mike McAteer FIT Unit Ma nage r	•
		Ecology and Environment, Inc.	
Approved	by:	Kathlen Stilly for fisate: _ Jerome D. Oskvarek	7/10/9/
		Jerome D. Oskvarek FIT Office Manager	7 - 7 - 7
		Ecology and Environment, Inc.	

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1. INTRODUCTION

Ecology and Environment, Inc., Field Investigation Team (FIT) was tasked by the United States Environmental Protection Agency (U.S. EPA) to conduct a screening site inspection (SSI) of the Golf and River Landfill site under contract number 68-01-7347.

The site was initially discovered by the Illinois Department of Public Health (IDPH) after the landfill's operator, Sanitary Improvement Company, filed an Application for Registration of a Refuse Disposal Site or Facility on July 28, 1969 (IDPH 1969). On June 8, 1981, Sanitary Improvement Company and Arc Disposal Company, Inc., a waste transporter, filed a Notification of Hazardous Waste Site form in accordance with section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

The site was evaluated in the form of a preliminary assessment (PA) that was submitted to U.S. EPA. The PA was prepared by Gregory W. Dunn of the Illinois Environmental Protection Agency (IEPA) and is dated January 28, 1987.

FIT prepared an SSI work plan for the Golf and River Landfill site under technical directive document (TDD) F05-8710-030, issued on October 9, 1987. The SSI work plan was approved by U.S. EPA on November 23, 1988. The SSI of the Golf and River Landfill site was conducted on April 4, 1989, under TDD F05-8710-030, reissued on January 12, 1989.

The FIT SSI included two interviews with a site representative, a reconnaissance inspection of the site, and the collection of six soil/sediment samples.

The purposes of an SSI have been stated by U.S. EPA in a directive outlining Pre-Remedial Program strategies. The directive states:

All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined preliminary HRS [Hazard Ranking System] score, 2) establish priorities among sites most likely to qualify for the NPL [National Priorities List], and 3) identify the most critical data requirements for the listing SI step. A screening SI will not have rigorous data quality objectives (DQOs). Based on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated as NFRAP [no further remedial action planned], or carried forward as an NPL listing candidate. A listing SI will not automatically be done on these sites, however. First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA [Resource Conservation and Recovery Act].... Sites that are designated NFRAP or deferred to other statutes are not candidates for a listing SI.

The listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQOs. It may also provide needed data in a format to support remedial investigation work plan development. Only sites that appear to score high enough for listing and that have not been deferred to another authority will receive a listing SI. (U.S. EPA 1988)

U.S. EPA Region V has also instructed FIT to identify sites during the SSI that may require removal action to remediate an immediate human health or environmental threat.

SITE BACKGROUND

2.1 INTRODUCTION

This section presents information obtained from SSI work plan preparation and the site representative interviews.

2.2 SITE DESCRIPTION

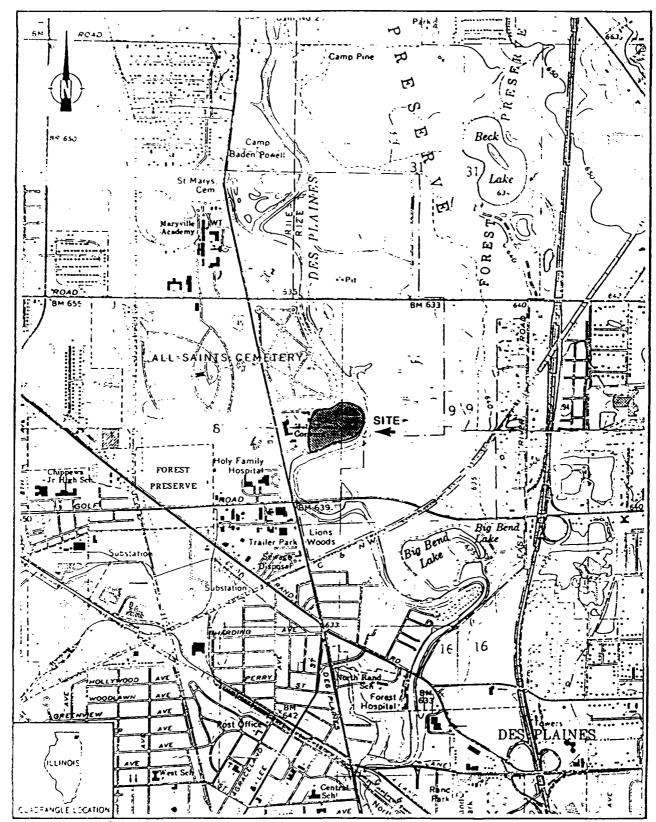
The Golf and River Landfill site is an inactive, trench-type landfill where mixed municipal wastes were deposited (IEPA 1969, 1987; U.S. EPA 1981, 1981a).

The site is located on approximately 20 acres of land behind The Sisters of the Holy Family of Nazareth Convent, in an area of mixed residential, recreational, and commercial land use. The site is located 1/4 mile north of the intersection of Golf and Des Plaines River roads, in Cook County, Des Plaines, Illinois (E1/2 sec. 8 and W1/2 sec. 9, T.41N., R.12E.) (see Figure 2-1 for site location).

The landfill is bordered by the Des Plaines River on its eastern and southern sides, and All Saints Cemetery is located directly north of the site. A 4-mile radius map of the Golf and River Landfill site is provided in Appendix A.

2.3 SITE HISTORY

The site property is currently owned by The Sisters of the Holy Family of Nazareth Convent. At the time of the SSI, Sister Janet Marie, treasurer of the convent, possessed the most information regarding previous and current waste disposal practices at the site. Sister Janet



SOURCE: Ecology and Environment, Inc. 1989; BASE MAPS: USGS, Arlington Heights, IL Quadrangle, 7.5 Minute Series, 1963, Photorevised 1972; Park Ridge, IL Quadrangle, 7.5 Minute Series, 1963, Photorevised 1972.

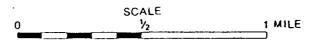


FIGURE 2-1 SITE LOCATION

Marie stated that the convent has owned the site property for 100 years (Marie 1989). According to Sister Janet Marie, the site is currently inactive. At the time of the SSI, however, evidence of recent dumping of mixed municipal debris at the site was noted by FIT.

Landfill operations began at the Golf and River Landfill site circa 1955, when Sanitary Improvement Company leased the site property from the convent in order to operate a landfill, and hired Arc Disposal Company, Inc., to transport wastes to the landfill (Marie 1989). The owner of Sanitary Improvement Company was Edward De Boer, and its operator was Charles Heart (IDPH 1966). Prior to the opening of the landfill, the site property was used to grow alfalfa (Marie 1989).

Initially, only mixed municipal wastes were accepted at the site (IEPA 1987; U.S. EPA 1981, 1981a). Records were not available for waste deposited at the landfill before 1966 (IEPA 1987). The landfill encompassed approximately 20 acres and was approximately 30 feet deep (IDPH 1966).

On July 28, 1969, the landfill operator filed an Application for Registration of a Refuse Disposal Site or Facility with IDPH (IDPH 1969; IEPA 1987). The landfill ceased receiving refuse in approximately 1970, after Sanitary Improvement Company and the convent could no longer agree upon terms for the lease (De Boer 1970; IEPA 1987; Marie 1989).

According to information obtained from a solid waste disposal field inspection report conducted by IEPA on August 29, 1969, a final cover of 24 inches of unknown material had been applied to the landfill at the time of the inspection (IEPA 1969). Sanitary Improvement Company, under the supervision of IEPA and/or IDPH, reportedly applied the required final cover (De Boer 1970; IEPA 1969, 1970). The Sanitary Improvement Company dissolved around this time (U.S. EPA 1981).

Lack of daily cover was the only violation cited at the site during its operation, and no hazardous wastes were recorded to have been disposed of at the site (IEPA 1969, 1987). Two to three years after the landfill was closed, erosion began exposing pieces of concrete and boulders contained in the landfill (Marchiori 1989). J. S. Adams Company, a construction company hired by the convent to repair and maintain its building and grounds for the past 20 to 25 years, began bringing in clean soil and clay from its various excavations to deposit on

the landfill (Marchiori 1989; Marie 1989). The clay and soil applied to the landfill by J. S. Adams Company amounted to approximately 35 to 40 truckloads (Marchiori 1989).

In approximately 1983, the Northwest Water Commission (NWC), located in Des Plaines, Illinois, excavated the southern portion of the landfill in order to install water lines (Marie 1989; Sturgell 1989a). The water lines, which currently run from the Evanston water plant west to Palatine and north to Buffalo Grove, were installed at a depth of 6 feet (Sturgell 1989a). A cathodic testing station, installed to insure that the water lines are not corroded by soils, is located at the landfill (Sturgell 1989). The installation of this testing station is not specific to the Golf and River Landfill site, but is a standard procedure with all water lines (Sturgell 1989). In 1986, the Des Plaines River flooded the site and destroyed a retreat center building located west of the landfill (Machalski 1989; Marie 1989).

Since the landfill was closed and covered in 1970, apparently under the supervision of IEPA and/or IDPH, there have been no other state regulatory response activities at the site.

SCREENING SITE INSPECTION PROCEDURES AND FIELD OBSERVATIONS

3.1 INTRODUCTION

This section outlines procedures and observations of the SSI of the Golf and River Landfill site. Individual subsections address the site representative interviews, reconnaissance inspection, and sampling procedures. Rationales for specific FIT activities are also provided. The SSI was conducted in accordance with the U.S. EPA-approved work plan.

The U.S. EPA Potential Hazardous Waste Site Inspection Report (Form 2070-13) for the Golf and River Landfill site is provided in Appendix B.

3.2 SITE REPRESENTATIVE INTERVIEWS

Andrea L. Davis, FIT team leader, conducted a telephone interview with Sister Janet Marie, treasurer of The Sisters of the Holy Family of Nazareth Convent, on March 29, 1989, at approximately 10:30 a.m. The interview was conducted to gather information that would aid FIT in conducting SSI activities. Sister Janet Marie was also briefly interviewed at the convent before the reconnaissance inspection on April 4, 1989. Michael McAteer of FIT was also present at this time.

3.3 RECONNAISSANCE INSPECTION

FIT conducted a reconnaissance inspection of the Golf and River Landfill site on April 4, 1989, at approximately 10:15 a.m. in accordance with Ecology and Environment, Inc. (E & E), health and safety guidelines. The reconnaissance inspection included a walk-through of the site to determine appropriate health and safety requirements for

conducting on-site activities and to make observations to aid in characterizing the site. Mitch Levin of IEPA accompanied FIT on the reconnaissance inspection from approximately 10:15 to 11:00 a.m. Site representatives did not accompany FIT during the reconnaissance inspection.

Reconnaissance Inspection Observations. The area surrounding the site is of even topographical relief, except along the Des Plaines River, where the ground surface slopes down approximately 30 feet from the top of the landfill to the river. The river borders the site on its southern and eastern sides (see Figure 3-1 for site features). Trees and shrubs were observed growing along the river banks, which were relatively steep. The Des Plaines river is slow moving and turbid.

Evidence of beavers was observed on trees along the river banks. Canada geese were also observed on the landfill. According to Sister Janet Marie, both deer and groundhogs have been observed on the landfill in the past (Marie 1989).

The area to the northeast of the site, beyond the Des Plaines River, is designated as forest preserve. All Saints Cemetery borders the site to the north, and the buildings that make up The Sisters of the Holy Family of Nazareth Convent are located to the west of the site. A drainage ditch, approximately 3 feet deep, runs along the site's northern border. The ditch appears to drain into the Des Plaines River. At the time of the SSI, the ditch was filled with approximately 6 inches of water. The landfill, which was covered with grass and appeared to have been recently mowed, slopes gradually down toward the convent building on its western side. The convent buildings include a convent and attached retreat center, a shrine, a maintenance shed, and a boiler room building. FIT also observed the dirt foundation of the former retreat center to the east of the convent buildings. The convent's current retreat center and the landfill are separated by a paved access road that completely surrounds the convent building. In the northeastern corner and along the eastern bank of the landfill, FIT observed mixed municipal debris including plastic containers, tires, pipes, chairs, buggies, and metal drums marked "Department of Civil Defense." Areas on top of the landfill were slightly eroded. Because of the season, FIT could not determine whether stressed vegetation was present in the

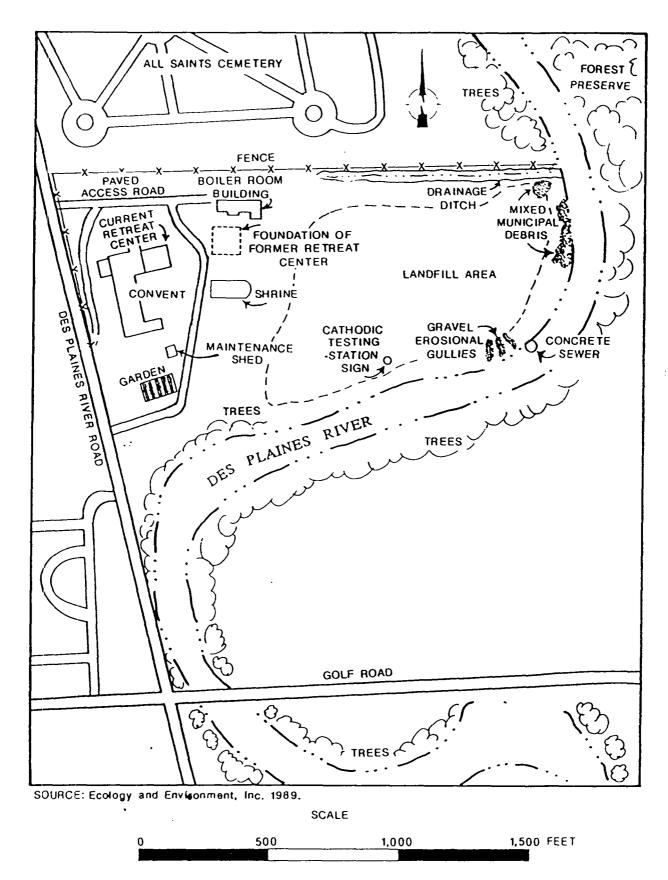


FIGURE 3-1 SITE FEATURES

landfill area. On the landfill's southeastern slope, a gravel area containing erosional gullies covers an area of approximately 30 square feet. On the southern portion of the landfill, a sign, indicating the location of the cathodic testing station, has been erected by NWC. The site is not surrounded by fencing and is accessible. Photographs of the Golf and River Landfill site are provided in Appendix C.

3.4 SAMPLING PROCEDURES

Samples were collected by FIT at locations selected during the reconnaissance inspection to determine whether U.S. EPA Target Compound List (TCL) compounds and U.S. EPA Target Analyte List (TAL) analytes were present at the site. The TCL and TAL, with corresponding quantitation/detection limits, are provided in Appendix D.

On April 4, 1989, FIT collected two surface and three subsurface soil/sediment samples from suspected areas of contamination and one subsurface background soil sample. Portions of each soil/sediment sample were offered to the site representative, but the offer was declined.

Soil/Sediment Sampling Procedures. Subsurface soil sample S1 was collected from the northern edge of the landfill near the drainage ditch that runs along the site's northern border (see Figure 3-2 for soil/sediment sampling locations). Sample S1 was collected at a depth of approximately 20 inches using a posthole digger. Soil sampling location S1 was chosen because of the possibility of surface water runoff from the landfill to the drainage ditch.

Surface soil sample S2 was collected in the northeastern corner of the landfill with a hand trowel at a depth of approximately 1 to 6 inches. Sample S2 was collected in an area where debris had been recently deposited. Subsurface soil sample S3 was collected from the eastern slope of the landfill, almost at the Des Plaines River. The sample was collected with a posthole digger at a depth of approximately 12 inches. Sampling location S3 was chosen because of the possibility of surface water runoff from the landfill migrating toward the river. The location was also chosen because of its proximity to some municipal debris, including medium-sized plastic and metal containers.

Sediment sample S4 was collected at the edge of the Des Plaines River, along the eastern edge of the landfill. Sample S4 was collected

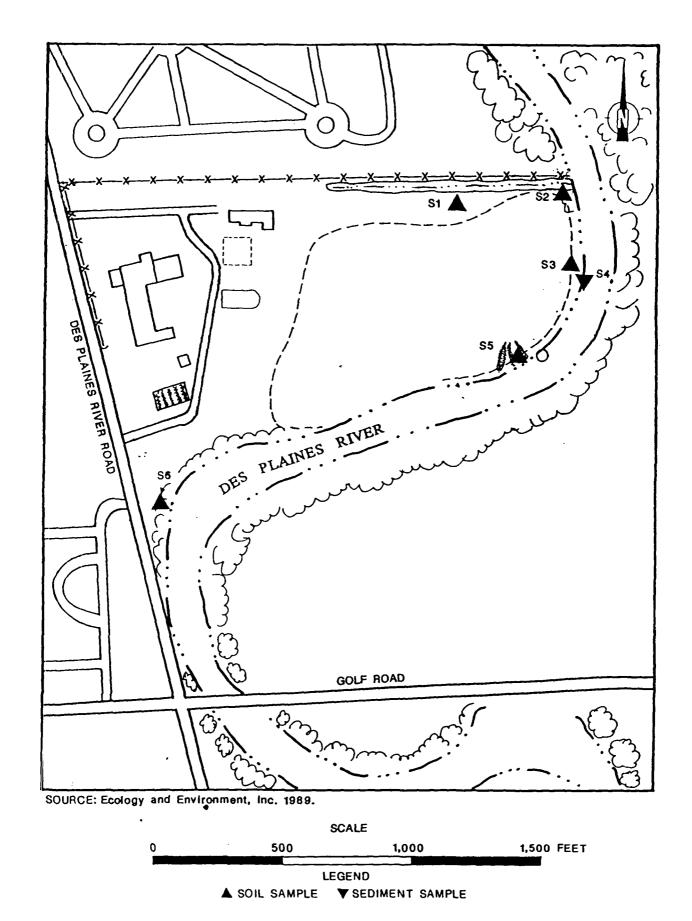


FIGURE 3-2 SOIL/SEDIMENT SAMPLING LOCATIONS

with a posthole digger at a depth of approximately 12 inches. Sampling location S4 was chosen because of the possibility that contamination from the landfill had migrated, via surface water runoff, into the Des Plaines River and had accumulated in river sediments.

Surface soil sample S5 was collected from an erosional gully on the southeastern edge of the landfill that led from the landfill to the bank of the Des Plaines River. The sample was collected with a hand trowel, at a depth of approximately 1 to 6 inches, from the end of the erosional gully.

A background soil sample (indicated as S6) was collected from a grassy area near some trees on the southwestern portion of the convent property. Subsurface soil sample S6 was collected with a posthole digger at a depth of approximately 12 inches. The background sample was collected from an area that appeared to be relatively undisturbed, in order to determine the representative chemical content of the soil in the area surrounding the site.

The soil/sediment from each surface soil sampling location was mixed together with the hand trowel in the hole from which it was collected so that a homogenous, representative sample could be obtained. Sample material was then transferred to sample bottles using the hand trowel. The volatile organic portion of each sample was transferred directly to a sample bottle, packaged, and sealed, without mixing (E & E 1987).

Subsurface soil samples were transferred from the hole to a stainless steel bowl. Sample material was mixed together, then transferred directly to sample bottles (E & E 1987).

Standard E & E decontamination procedures were adhered to during the collection of all soil/sediment samples. The procedures included the scrubbing of all equipment (e.g., posthole diggers, trowels, and bowls) with a solution of Alconox detergent and distilled water, and triple-rinsing the equipment with distilled water before the collection of each sample (E & E 1987). All soil/sediment samples were packaged and shipped in accordance with U.S. EPA-required procedures.

As directed by U.S. EPA, all soil/sediment samples were analyzed under the U.S. EPA Contract Laboratory Program (CLP) for TCL compounds

by Environmental Control Technology of Ann Arbor, Michigan, and for TAL analytes by Skinner and Sherman, Inc., of Waltham, Massachusetts.

4. ANALYTICAL RESULTS

4.1 INTRODUCTION

This section presents results of chemical analysis of FIT-collected soil/sediment samples for TCL compounds and TAL analytes.

4.2 RESULTS OF CHEMICAL ANALYSIS OF FIT-COLLECTED SAMPLES

Chemical analysis of FIT-collected soil/sediment samples revealed substances from the following groups of TCL compounds: polyaromatic hydrocarbons (PAHs), aromatics, pesticides, and common laboratory artifacts. Chemical analysis of FIT-collected soil/sediment samples also revealed the presence of TAL analytes, including heavy metals, metals, and soil and sediment constituents common to the area (see Table 4-1 for complete chemical analysis results of FIT-collected soil/sediment samples).

U.S. EPA quantitation/detection limits used in the analysis of FIT-collected soil/sediment samples are provided in Appendix D.

Table 4-1
RESULTS OF CHEMICAL ANALYSIS OF
FIT-COLLECTED SOIL/SEDIMENT SAMPLES

Sample Collection Information			Sample	<u>Number</u>		
and Parameters	S1	S2	s3	S4	S5	s 6
Date	4/4/89	4/4/89	4/4/89	4/4/89	4/4/89	4/4/8
Time	1125	1135	1215	1230	1305	134
CLP Organic Traffic Report Number	EDB52	EDB53	EDB54	EDB55	EDB56	EDB5
CLP Inorganic Traffic Report Number	MECZ00	MECZ01	MECZ02	MECZ03	MECZ04	MECZ0
Compound Detected						
(values in μg/kg)						
Volatile Organics						
acetone				18J		
4-methyl-2-pentanone				7 J		
toluene	8	20	6Ј		29	6
xylenes (total)			6Ј	-		
Semivolatile Organics						
naphthalene					16 0 J	
2-methylnaphthalene					180J	
acenaphthene		110Ј			200J	
dibenzofuran					250J	
fluorene		120J			400J	
phenanthrene		1,400	150J	360J	2,100	
anthracene		370J			72 0 J	
fluoranthene		2,700	320J	990J	2,100	
pyrene		2,200	260Ј	710J	1,800	
benzo[a]anthracene		1,400	130Ј	430J	950	
chrysene		1,600	200Ј	410J	800	
di-n-octylphthalate			110Ј			
penzo[b]fluoranthene		1,900	260Ј	1,100J	980	
benzo[a]pyrene		1,100	130Ј	380J	55 0 J	
indeno[1,2,3-cd]pyrene		1,000	160J	530J	410J	

Table 4-1 (Cont.)

Sample Collection Information			Sample	Number		
and Parameters	S1	S2	s3	S4	s 5	s 6
Semivolatile Organics						
dibenzo[a,h]anthracene		260J		130J	93J	
benzo[g,h,i]perylene		930	160ј	550J	330J	
Pesticides/PCBs						
Endosulfan I			2.2JX			
4,4'-DDE			37JX			
4,4'-DDT		7.7JX	43JX			
Analyte Detected						
(values in mg/kg)						
aluminum	5,440	14,000	6,540	8,160	10,500	7,180
arsenic	5.9	8.6	4.4	6.6	7.1	5.8
barium	32.9B	94.2	55.5	65.5	60.9	73.4
beryllium	0.38B	1.3	0.43B	0.52B	1.2	0.45B
calcium	23,400	21,000	25,000	30,200	44,500	2,650
chromium	16.2	21.9	12.1	20.8	16.3	10.7
cobalt	7.1B	10.8B	6.3B	7в	12.2	10.7B
copper	14.5	28.7	22.7	34.1	28.7	19.3
iron	14,900	23,800	15,100	16,500	20,800	14,000
lead	11.7	30.5	35.3	60.7	15.8	30.7
magnesium	14,800	14,000	14,700	18,400	24,600	2,260
manganese	824	495	558	342	449	639
nickel	13.1	30.1	14	17	27.5	13.4
potassium	482B	2,070	1,160B	1,740	2,060	1,040B
sodium	61.2B	72.7B	70.8B	273B	116B	59.2B
vanadium	14.1	25.2	13.8	14.6B	19.6	16.7
zinc	41.6JE	74.1JE	77.3JE	116JE	52.5JE	59.2JE

⁻⁻ Not detected.

COMPOUND QUALIFIERS	DEFINITION	INTERPRETATION		
J	Indicates an estimated value.	Compound value may be semiquantitative.		
x	Denotes manually entered data.			
ANALYTE QUALIFIERS	DEFINITION	INTERPRETATION		
E	Estimated or not reported due to interference. See laboratory narrative.	Analyte or element was not detected, or value may be semiquantitative.		
В	Value is real, but is above instrument DL and below CRDL.	Value may be quantitative or semiquantitative.		
J	Value is above CRDL and is an estimated value because of a QC protocol.	Value may be semiquantitative.		

4-6

5. DISCUSSION OF MIGRATION PATHWAYS

5.1 INTRODUCTION

This section contains a discussion of data and information that apply to potential migration pathways and targets of TCL compounds and TAL analytes that may be attributable to the Golf and River Landfill site.

The five migration pathways of concern discussed are groundwater, surface water, air, fire and explosion, and direct contact.

5.2 GROUNDWATER

The geology in the vicinity of the Golf and River Landfill site is characterized by various layers of glacial drift that overlie the Des Plaines Disturbance, an area of intense faulting within the bedrock (Willman 1971).

The Des Plaines Disturbance encompasses an area approximately 5 1/2 miles in diameter (Willman 1971). The Golf and River Landfill site is located slightly to the northwest of the center of the Des Plaines Disturbance (Willman 1971).

The glacial drift varies in thickness from approximately 125 to 280 feet in the vicinity of the Des Plaines Disturbance. The glacial drift consists of clayey till deposits with low permeabilities that overlie relatively thin sand and gravel outwash deposits. Existing well logs indicate the presence of a clay, combination clay/gravel, or sandy clay layer above the sand/gravel layer. One of the well logs indicates the presence of sand/gravel layers both above and below the clay/gravel layer. The clay containing layer is between 90 and 157 feet thick,

depending on location. Surficial deposits in the immediate vicinity of the site are primarily postglacial valley train deposits of the Des Plaines River (Walter H. Flood and Company, Inc. no date; Willman 1971).

Drinking water is obtained from gravel, limestone, and shale in the vicinity of the site (well logs of the area are provided in Appendix E). According to area well logs, the aquifer of concern is located at a depth of 124 feet. Because sand and gravel deposits directly overlie bedrock, the sand and gravel and bedrock aquifers are assumed to be hydraulically connected and constitute a single aquifer of concern (Walter H. Flood and Company, Inc. no date). Hydraulic connection of the bedrock aquifer is likely near the site because bedrock aquicludes in the area of the Des Plaines Disturbance potentially are not continuous.

In an area approximately 5/8 miles north of the site, where Silu-rian dolomite is the uppermost bedrock unit, groundwater flow direction is toward the east (Walter H. Flood and Company, Inc. no date). In the area of the site, however, the uppermost bedrock unit is believed to be Mississippian (Willman 1971). Because of the complex stratigraphy in the area of the Des Plaines Disturbance, groundwater flow may be highly variable. Any aquifer below the glacial till should be considered the aquifer of concern.

In accordance with the U.S. EPA-approved work plan, FIT did not collect groundwater samples during the SSI. The closest well to the Golf and River Landfill site is located 3/4 miles east of the site in an unincorporated area.

A potential exists for TCL compounds and TAL analytes detected onsite to migrate to groundwater in the vicinity of the site, based on the following information:

- Previous file information does not indicate the presence of a man-made liner at the site; and
- TCL compounds and TAL analytes were detected in on-site soils at depths of 1 to 6 inches.

However, the potential for TCL compounds and TAL analytes to migrate to the aquifer of concern in the vicinity of the site is low, based on the following geological information:

- The site is situated in a floodplain, near a bank of the Des Plaines River, so that shallow groundwater flow would likely be toward the river; and
- A low-permeability, clayey till unit between 90 and 157 feet thick lies between the landfill and the aquifer of concern.

Portions of six cities fall within a 3-mile radius of the Golf and River Landfill site (United States Geological Survey [USGS] 1963). These cities are Des Plaines, Glenview, Mount Prospect, Niles, Park Ridge, and Prospect Heights. Unincorporated areas are also located to the north, east, and southeast of the site. Of these, only Mount Prospect, Prospect Heights, and parts of the unincorporated areas obtain drinking water from private and/or municipal wells screened in the aquifer of concern at depths between approximately 100 and 400 feet. Within Mount Prospect, approximately eight private residential wells are in use within a 3-mile radius of the site (McIntosh 1989). These eight wells were multiplied by the persons-per-household average for Cook County (2.75) to obtain a total of 22 persons who are served by ground-water in Mount Prospect.

Within Prospect Heights, approximately 1,944 persons obtain drinking water from the Rob Roy municipal well system. This figure was obtained by multiplying the 2.75 persons-per-household average for Cook County by the approximately 707 homes served by this municipal well system (Dobner 1989). Added to this was a house count, obtained from USGS topographic maps, of the number of private residential wells in Prospect Heights (USGS 1963) (150) multiplied by the 2.75 persons-per-household average for Cook County (U.S. Bureau of the Census 1982), for a total of 2,357 persons served by groundwater in Prospect Heights.

Within the unincorporated areas, 12 persons are served by a shallow (approximately 250 feet) well at the Villa Redeemer Monastery (Benson

1989). Also included in the groundwater target population for the unincorporated areas are 113 persons obtaining groundwater from private residential wells. This figure was derived from a USGS house count of the unincorporated areas (USGS 1963) (41) multiplied by the 2.75 persons-per-house average for Cook County (U.S. Bureau of the Census 1982). The total groundwater target population for the unincorporated areas within a 3-mile radius of the site is 125 people. A total of approximately 2,504 persons are served by groundwater within a 3-mile radius of the Golf and River Landfill site.

5.3 SURFACE WATER

FIT did not sample surface water at the SSI stage, but a potential does exist for TCL compounds and TAL analytes to migrate to surface water, based on the following information:

- The Golf and River Landfill is bordered on its eastern and southern sides by the Des Plaines River;
- The landfill is susceptible to flooding by the Des Plaines
 River every spring and/or fall (Marie 1989);
- Although 24 inches of cover material was applied to the landfill at closure, the nature of the cover material is unknown and, according to J. S. Adams Company, erosion of the material was occurring 2 to 3 years later (Marchiori 1989); and
- Although 35 to 40 truckloads of clean earth and clay material were reported to have been applied to the landfill 2 to 3 years after closure, it is unknown whether this amount was sufficient to cap the landfill and prevent future runoff (Marchiori 1989).

FIT did not sample surface water at the SSI stage. Because other industry is present along the river, attribution of potential contami-

nation of the Des Plaines River to the Golf and River Landfill site would be difficult.

The Des Plaines River is used for fishing and canoeing, although recreational use is rare in the area of the landfill (Marie 1989; Rockford Map Publishers 1983).

5.4 AIR

A release of potential contaminants to the air was not documented during the SSI of the Golf and River Landfill site. During the reconnaissance inspection, FIT site-entry instruments (OVA 128, hydrogen cyanide detector, and explosimeter) did not detect levels above background concentrations at the site. In accordance with the U.S. EPA-approved work plan, further air monitoring was not conducted by FIT.

The potential for windblown particulates to carry contaminants from the site is very low because the site is covered by vegetation.

5.5 FIRE AND EXPLOSION

During the reconnaissance inspection, FIT site-entry instruments (explosimeter) did not indicate explosive conditions at the Golf and River Landfill site. According to Mark Hansen, an inspector with the Fire Prevention Bureau of the Des Plaines Fire Department, no response activities have taken place and no fire or explosion threat currently exists at the site (Hansen 1989).

5.6 DIRECT CONTACT

According to federal, state, and local file information reviewed by FIT, there is no documentation for an incident of direct contact with TCL compounds or TAL analytes at the Golf and River Landfill site.

There is a potential that the public may come into direct contact with TCL compounds and TAL analytes detected at the Golf and River Landfill site, based on the following information:

 The perimeter of the site is unfenced and the site is accessible; and • TCL compounds (including PAHs) and TAL analytes were detected in on-site soils at depths of 1 to 6 inches.

The population within a 1-mile radius of the site is approximately 3,262 persons. This figure includes the 60 year-round residents of The Sisters of the Holy Family of Nazareth Convent, the 180 year-round residents of Maryville Academy, and the 5% of the population of Des Plaines that falls within a 1-mile radius of the site. The figure also includes those persons outside the corporate boundaries of Des Plaines but within the 1-mile radius; calculated by multiplying house counts from USGS topographic maps (USGS 1963) by the 2.75 persons-per-household average for Cook County (U.S. Bureau of the Census 1982).

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3845:6

APPENDIX A

SITE 4-MILE RADIUS MAP

SDMS US EPA Region V

Imagery Insert Form

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	Illegible due to bad source documents. Image(s) in SDMS is equivalent to hard copy.
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	Appendix A - Site 4-Mile Radius Map
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APPENDIX B

U.S. EPA FORM 2070-13

POTENTIAL HAZARDOUS WASTE SITE

L IDENTIFICATION

SEPA	PART 1 - SITE	SITE INSPECT LOCATION AND		IEPORT ECTION INFORMAT	T 1	ĽĽ098Ø612717	
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POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 2 - WASTE INFORMATION

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POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

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03 POPULATION POTENTIALLY AFFECTED: 3,262
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NONE Observed or reported.

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POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

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EPA FORM 2070-13 (7-81)

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SEE SECTION 5.2.

≎EPA	PART	POTENTIAL HAZA SITE INSPEC 5-WATER, DEMOGRAPH	TIONR	EPORT		I. IDENTIFICATION OI STATE OF SITE MUMBER LLD98 (6/27)
VI. ENVIRONMENTAL INFORM						
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14 DESCRIPTION OF SITE IN RELATION	i to Surrôun	SEE SEC	rion	<u>ろ</u> . 3		
VII. SOURCES OF INFORMATI			L, <i>recental</i>			
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\$EPA	P	SITE INSPECTION REP ART 6 - SAMPLE AND FIELD INF	• · · ·	OI STATE OF SITE MASSER IL ILD980612717
IL SAMPLES TAKEN				
SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO ORGANIC	Inorgani	03 ESTMATED DATE RESULTS AVAILABLE
GROUNDWATER	NA	V		
SURFACE WATER	NA			
WASTE	NA			
AIR	NA			
RUNOFF	NA			
SPILL	NA			
SOL	SI-S6	ENCOT OF ANY ARBOR, MI. 48108	SKINNER OF WA MA.02254	AVAIJABLE
VEGETATION	NA			
OTHER	NA			
IIL FIELD MEASUREMENTS TA	KEN			
01 TYPE	02 COMMENTS			
OVA 128:	No dute	ctions in breath	ing tone abou	re Background (1 pm
Explosimetee:				
RADIATION MUNI A	ERT: NO	delections.		
HYDROGEN CYANI	DE MONITO	R: No detection	S.	
		ngs above or beli	on 20.5%.	
IV. PHOTOGRAPHS AND MAP		02 N CUSTOOY OF E LE	- CHicago	
01 TYPE S GROUND D AERIAL 03 MAPS 04 LOCATO		02 H 000 101 01	Name of organization or Individual	
■ YES	FIT FILE	S-E & E CHICAGO		
V. OTHER FIELD DATA COLL	CTED AND AND A	iorpand .		
No	NF			
,,,,	///			
VL SOURCES OF INFORMATION				
EAE FIT FIL	LES-REGI	ON I.		
FIT SITE	Inspect	ton: 4-4-89		
i				

EPA FORM 2070-13 (7-61)

	£	POT	ENTIAL HAZA	RDOUS WASTE SITE	LIDENTIFICATION		
\$EPA				TION REPORT	OI STATE O	OISTATE OZ SITE NUMBER IL ILD98061271	
			PART 7 - OWNE	NER INFORMATION			
IL CURRENT OWNER(S)		···		PARENT COMPANY (# 2004-2014)			
DINAME SISPERS OF A IN THE OCTU		•	HB NUMBER	OS NAME		09 () + B NUMBER
SISTERS OF NAZARETH		<u></u>	NA 04 SIC CODE	NONE		<u> </u>	11 SIC CODE
353 N. RIVER Rd.		ĺ	NA				
os any	06 STATE	07 2		12 C/TY	13 STATE	142	DP CODE
DES PLAINES	IL	(20016				
O1 NAME		020	+ 8 HUMBER	OB NAME		09 (+ B NUMBER
		L_,				<u> </u>	T
03 STREET ADDRESS (P.O. Box, N/01, orc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box, NFO P. anc.)			11 SIC CODE
os atv	06 STATE	107 2	P CODE	12 CTY	13 STATE	1142	UP CODE
OI NAME		02.0	+8 NUMBER	OS NAME		09 (+8 NUMBER
03 STREET ADDRESS (P O. Box. NO I., on:)		ľ	04 SIC COOE	10 STREET ADDRESS (P.O. Box, AFD P. esc.)			11SIC CODE
	06 STATE		0.000	12 CITY	13 STATE	1	2005
os an	DO SIAIE	0, 2	-	12011	1331416	' '	Pune.
O1 NAME	L	05 D	+ B NUMBER	OB NAME		090)+B NUMBER
03 STREET ADDRESS (P.O. Box, NFD F. etc.)		Ī	04 SIC CODE	10 STREET ADDRESS (P.O Box. NFD F, otc.)		<u> </u>	11 SIC CODE
<u></u>							
OS CITY	06 STATE	07 Z	PCODE	12 CITY	13 STATE	14.	OP CODE
		<u>L_</u>	 			L	
III. PREVIOUS OWNERS) per man reconstruct. OI NAME		102.0	+8 NUMBER	IV. REALTY OWNER(S) (Factorial: Asia	## AKOM EN	102.	+8 NUMBER
· Unknown			TO NUMBER	NONE_		1021	A B INCOMPEN
03 STREET ADDRESS (P.O. But MD4. at.)		'	04 SIC CODE	03 STREET ADDRESS (P.O. Box, AFD F, oc.)	 	1	04 SIC COO€
os any	06STATE	07 Z	PCODE	OS COTY	06 STATE	07	DP CODE
		_					· · · · · · · · · · · · · · · · · · ·
01 NAME		05.0	+8 NUMBER	O1 NAME		O2 !	D+8 NUMBER
03 STREET ADDRESS (P.O. But, MO F, etc.)		┸┪	04 SIC CODE	03 STREET ADDRESS (F.O. Bac, NFD F, onc.)		<u> </u>	04 SIC CODE
os atr	06 STATE	07 2	PCODE	05 City	O6 STATE	07	OP CODE
0. W.S		025	+8 NUMBER	O1 NAME			D+ B MUNBER
O1 NAME		""				 "	UT B (NUMBER
03 STREET ACORESS (P.O. But, AFD F. off.)		۳	04 SIC CODE	03 STREET ADDRESS (F.O. Box, NFO F, onc.)		<u> </u>	04 SIC CODE
osaty	OBSTATE	07	ZIP CODE	05 CITY	06 STATE	07 7	DP CODE
	<u> </u>	<u> </u>		l			
V. SOURCES OF INFORMATION (CO. 1940)				\$1.50			
EXEFTIFILES-RI							
SITE INSPECTION SITE INTERVIEW:	-4-	4-8	39				
SITE INTERVIEW;	3-20	1-8	4				

O EDA		PC		RDOUS WASTE SITE	L IDENTIFICATION 01 STATE 02 SITE MARKER		
\$EPA				TION REPORT OR INFORMATION		IL098Ø612717	
IL CURRENT OPERATO	R Provide & different from			OPERATOR'S PARENT COMPANY	F epolicital		
NON	E.		02 D+B NUMBER	Unknown		11 D+8 NUMBER	
03 STREET ADDRESS # 0 AC	ox, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS IP O BOL NED . MEJ	······································	13 5℃ COO€	
05 CITY		OG STATE	07 ZIP COOE	14 CITY	15 STATE	16 ZIP CODE	
06 YEARS OF OPERATION	09 NAME OF OWNER						
III. PREVIOUS OPERAT	OR(S) Flat most recent 5	nt provide out	y if different from owner)	PREVIOUS OPERATORS' PARENT	OMPANIES #	applicable	
SING OTTO 221 T	m N M M ma K		02 D+8 NUMBER	Unknown		110+8 NUMBER	
SANTARY JO WISTREET ASSESS MORE 5859 N. R	INER DA	<i>π</i> , ω,	04 SIC COO€			13 SC COO€	
5859 N. R 05 CITY ROSENCNT 06 YEARS OF OPERATION UNKNOWN 01 NAME	s io va	OG STATE	60018	14 OTY	15 STATE	16 ZIP COOE	
UNKNOWN	ED DE BOE	CONT	sperior (1) and Sanitary			<u></u>	
O1 NAME	12110000	9.11	02 D+B NUMBER	10 NAME		11 0+8 NUMBER	
03 STREET ADDRESS (P.O. Bo	L RFD P. etc.)		04 SIC CODE	12 STREET ADDRESS & O. Box 850 f, etc.)	13 9C COO€		
65 CTY		OS STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP COOE	
ON YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	S PERIOD				
OI NAME	<u> </u>		02 D+8 NUMBER	10 NAME	<u></u>	11 D+8 NUMBER	
03 STREET ADDRESS (F.O. 8a	ic, NFD P, etc.)		04 SIC CODE	12 STREET ADDRESS P.O. dus, NFO4, str.J		13 SC COOE	
06 CITY	.	06 STATE	07 20P CODE	14 CITY	15 STATE	16 ZP COOE	
06 YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	S PERIOD				
IV. SOURCES OF INFO	RMATION (Cas assess	t references.	L. Mark Bas, servete matrices.	. Noveled			
SITE In	FILES-1 HENSEW;						
	0 -1						
* NOW de (1) CHARIES							
U CITARES	HENKIL, O	riwi	UK.				

EPA FORM 2015-13 (7-81)

ŞEPA	·	SITE INSPE	ARDOUS WASTE SITE	L IDENTIF	ICATION I SITE NUMBER TLD98Ø6 2717
	PART	9-GENERATOR/T	RANSPORTER INFORMATION		
IL ON-SITE GENERATOR					
O1 NAME		02 D+8 NUMBER			
Unknown					
03 STREET ADDRESS (P.O. Box, NFD F, etc.)		04 SIC COD€			
os any	06 STATE	07 ZIP COOE	1		
UL OFF-SITE GENERATOR(S)	<u> </u>	L		-	
OI NAME /		02 D+B NUMBER	01 NAME		02 D+B NUMBER
Unramun		1			
O3 STREET ADDRESS (P.O. BOX, AFD), OC.)	 -	04 SIC COO€	03 STREET ADDRESS P.O. Box, NFD P. MLJ		04 SIC CODE
ASSUME Surround	tima	1	1		}
ASSUME Surround	06 STATE	07 ZP COO€	os city	OS STATE	07 ZIP COOE
01 NAME		02 O+B NUMBER	01 NAME		02 D+6 NUMBER
* J.S. ADAMS C	<u>) ·</u>				
1250 E. GOIF R.C) ,	04 SIC CODE	03 STREET ADDRESS (P.O. BOL RED F, MC)		04 SC COOE
U3 CITT		07 21º CODE	OS CITY	06 STATE	07 ZIP COO€
DES PlainES	IIL	60016	1	1	
IV. TRANSPORTER(S) PREVIOU	5:	•	· · · · · · · · · · · · · · · · · · ·		
OI NAME		02 D+8 NUMBER	01 NAME		02 D+8 NUMBER
ARC DISPOSAL CO	. Inc.	1			
03 STREET ADDRESS (P.O. Box, NFD F, otc.)	7	04 SIC CODE	03 STREET ADDRESS (P.O. Box, NFD 4, onc.)		04 SIC CODE
5859 N. RIVER	Rd.	1			
04 CTV	06 STATE	07 ZP CO0€	OS CITY	06 STATE	07 ZP COOE
ROSEMONT	IIL.	60018			· _
01 KAKE		02 0+8 NUMBER	O1 NAME		02 D+8 NUMBER
03 STREET ADDRESS (P.O. Box, MTD 4, alc.)		04 SIC COO€	03 STREET ADDRESS (P.O. But, NFO F, and		04 SIC COOE
	The exist	lor an one	10000	Toe er	
OS CITY	OSTATE	07 ZIP COO€	05 CITY	OS STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (CH) 1900	te references.	e.g., state flee, sample analysis	L reported		
					
EXE FIT FILES					
Site Interview	, 3	-24-84.			
* Clean earth ar	\d (1	AVombo	Als from various ex	((0)	+'^^
A TaCasa ilia			TON VALUES OF	CN VA	いいつ。
a tutorimation of	. <i>۱</i> ۷۲	INASKS C	picked -up is not A ed-municipal Wast	VAIIA	SIE
IN THE FIET	ndic	ales Mix	ea-municipal mast	E, On	ly ·
			•)	/
EPA FORM 2070-13 (7-81)					

	POTENTIAL	HAZARDOUS WASTE SITE		L IDENTIFICATION
\$EPA		NSPECTION REPORT		OI STATE OZ STE NUMBER
VLIA	PART 10 - P.	AST RESPONSE ACTIVITIES		IL ILD980612717
IL PAST RESPONSE ACTIVITIES				
OI DA WATER SUPPLY CLOSED		02 DATE	03 ACENTY	
04 DESCRIPTION			WAGE.	
ł	NA			
01 D B. TEMPORARY WATER SUPPLY		02 DATE	03 AGENCY	
04 DESCRIPTION				
<u>}</u>	NA			
01 D.C. PERMANENT WATER SUPPLY	PROVIDED	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
	1974			
01 D D. SPILLED MATERIAL REMOVED)	02 DATE	03 AGENCY	
. 04 DESCRIPTION	NA			İ
01 ☐ E. CONTAMINATED SOIL REMOVE 04 DESCRIPTION	ED	02 DATE	03 AGENCY	
V- 22.22	NA			
01 [] F. WASTE REPACKAGED		02 DATE	03.400-	
01 LIF, WASTE REPACKAGED 04 DESCRIPTION	N ())	OZ DATE	US AGENC!	
	NA			
01 D.G. WASTE DISPOSED BLSEWHER	<u> </u>	02 DATE	03 AGENCY	
04 DESCRIPTION				
	NA			
01 H. ON SITE BURIAL		02 DATE	03 AGENCY	
04 DESCRIPTION	NA	·		
01 D L IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	r	02 DATE	03 AGENCY	
or describing	NA			
04 57 4 57 6771 6791 6791 775177		02 DATE	~	
01 E) J. IN SITU BIOLOGICAL TREATIME 04 DESCRIPTION		OZ DATE	US AGENCY	
	NA			
O1 D K IN SITU PHYSICAL TREATMEN	π	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 EL ENCAPSULATION		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
			······································	
01 (1) M. EMERGENCY WASTE TREATN 04 DESCRIPTION	CENT	O2 DATE	03 AGENCY	
	NA			
01 D.N. CUTOFF WALS		02 DATE	03 40907	
04 DESCRIPTION	N / N		w	
	NA			
01 D O. EMERGENCY DIKING/SURFAC	E WATER DIVERSION	02 DATE	03 AGENCY	
04 DESCRIPTION				
	NA			
01 C P. CUTOFF TRENCHES/SUMP	۸.,	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
1				
01 [] Q. SUBSURFACE CUTOFF WALL	NA	02 DATE	03 AGENCY	
04 DESCRIPTION	NV			

A	POTEN'	TIAL HAZARDOUS WAST		IDENTIFICATION
\$EPA	_	ITE INSPECTION REPOR' 10 - PAST RESPONSE ACTIV	·	STATE 02 STE MARCH IL ILD980612717
HPAST RESPONSE ACTIVITIES (Contro	~d			
01 C R. BARRIER WALLS CONSTRU 04 DESCRIPTION	ICTED	OZ DATE	03 AGENCY	
N;	A			
01 S. CAPPING/COVERING 04 DESCRIPTION CAPPED MAHEN O	WITH 24" (U IS UNK	51 17. 24 20101 17		EPA andm IDPH Upervised Clasure.
01 D T. BULK TANKAGE REPAIRED		02 DATE	03 AGENCY	· · · · · · · · · · · · · · · · · · ·
04 DESCRIPTION	NA			
01 D U. GROUT CURTAIN CONSTR	UCTED	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 [] V. BOTTOM SEALED		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D W. GAS CONTROL		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 () X. FIRE CONTROL		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			·
O1 [] Y. LEACHATE TREATMENT		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 () Z. AREA EVACUATED		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 () 1, ACCESS TO SITE RESTRICT 04 DESCRIPTION		02 DATE	03 AGENCY	
ON DESCRIPTION	NA			
01 [] 2. POPULATION RELOCATED 04. DESCRIPTION		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 (3. OTHER REMEDIAL ACTIVIT 04 DESCRIPTION	TES	02 DATE	03 AGENCY	
0.0 0000 000000000000000000000000000000	NA			
	/ ۷/ ۷			
BL SOURCES OF INFORMATION (CH				···
EXEFIT Files Site Interview	s-Region	UI.		•
Site Interviou	ル:3-29	-84-		



POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 11 - ENFORCEMENT INFORMATION

L IDENTIFICATION

01 STATE 02 SITE MUMBER

IL IL 1980612717

IL ENFORCEMENT INFORMATION

DI PAST REGULATORY/ENFORCEMENT ACTION # YES DINO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

In 1970, the landfill Stopped receiving refuse and on Nivember 24, 1970, the Site was considered to have inal cover for Closure, according to a letter written by C.W. Klassen, Director of the JEPA. Cover consisted of 24" of unknown Makerial.

IL SOURCES OF INFORMATION (CIN SOUTH INFORMATION OF SOUTH AND SOUT

Prelim nary ASSESSMENT, 1987. EZE FIT FILES-REGION I.

0 555	POT	ENTIAL HAZARD	OUS WASTE SIT	Γ E	L IDENTIF			
⊗EPA	PART 1 - SITE		TE INSPECTION REPORT CATION AND INSPECTION INFORMATION O1 STATE 02 STE NUMBER IL IL09886127					
IL SITE NAME AND LOCATION				· · · · · · · · · · · · · · · · · · ·				
O1 SITE NAME Regal, common, or description	ve name of allej	I	2 STREET, MOUTE NO., C	OR SPECIFIC LOCATION	DENTIFIER			
GOIF AND RI	EVER LANG)FILL		RIVER RO	d. 60			
DES PLAINE			IL 60016	6 COOK	۷	0700UNTY OR CONG COOK DIST 051 IL-12		
09 COORDINATES 420520.0 28	LONGITUDE 7 5 2 10.0	D F. OTHER	10	O C STATE O	D. COUNTY G. UNKNOW			
IIL INSPECTION INFORMATIO	N 02 SITE STATUS	03 YEARS OF OPERATIO						
01 DATE OF INSPECTION 4,4,89 MONTH DAY YEAR	☐ ACTIVE ■ NACTIVE	~19			UNKNOWN			
04 AGENCY PERFORMING INSPECTION		Na'000 12 100		-				
DI A. EPA B. EPA CONTRA	nctor <u>Ecclosy 4 Ec</u> ractor		DIC. MUMICIPAL DI	D. MUNICIPAL CONTE	RACTOR	(Name of Sire)		
05 CHEF INSPECTOR		06 TITLE		07 ORGANIZA	TION	08 TELEPHONE NO.		
ANDREA L.T	DAVIS	GEOGRA 10 THE	phuz	E & E/I		13121663-9415		
MIKL MCA	EER	6E09rA		E & E/F		13 TELEPHONE NO. 1312 1663-9415		
Mike FEITH		NATURAL I		ER ERE/F	ir	USI21663-9415		
John NoRO	line	GEOLO	gist	E&E/I	ELT	1312663-9415		
			O		J	()		
MITCH LEY		TUINDI POI	S Environn EUTLON A TISADORESS	rental Agency, M	1AYW000	13/21345-9780		
13 SITE REPRESENTATIVES INTERVE			253 N			18121298 - 6760		
SISTER JANET	MARIE	Treasure	4 J 232 1	N, ROVER	150.	01-210 010		
						()		
	·····				·	()		
						()		
				····		()		
						()		
Check and PERMISSION WARRANT	me of inspection —900 (arrivai)	Party Sun 20-25 mph	iny and hazy gusty winds.	LIGHT SW -Around 1215	mind; turni T-stori	Changing to ng Cloudy WITH ms, hail ~ 15 Nin		
IV. INFORMATION AVAILABLE	E FROM					Then Sunny.		
Tom CRAUSE	<u>. </u>	ILUNO15 Alency	Environme - Springfi Togorganization	ntal Proke	tion	03 TELEPHONE NO. 12171 782-9848		
ANDREA L. T		2	E & E/FIT	1		06 DATE 6,5,89 WONTH DAY TEAM		

ANDREA L. DAVIS

^	-	~	١.
	L_1		۱
			4
~	_		•

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 2 - WASTE INFORMATION

	FICATION
OI STATE	02 SITE NUMBER IL D980612717

				- CIN ONMATION	' 		
	TATES, QUANTITIES, AN			Y			
OI PHYSICALS	TATES (Check of their sport)		l maste quantities	1	ERISTICS (CHICA MARKA		
A. SOUD	L') E SLURRY R, FINES : () F LIQUID	ł.	naupendent)	■ A 10xC □ 8 COPPO:	SIVE SOLUTIONS		
D C SLUDGE		TONS		E) C RADIOA	CTIVE 3 G FLAM	MABLE L'A REACTI	ME
M D OTHER	Unknown	CUBIC YARDS L	JAKAOWA.	C M NOT APPLICABLE			
	(Soucey)	NO OF DRUMS		<u> </u>			
IIL WASTE T	YPE						
CATEGORY	SUBSTANCE N	IAME	01 GROSS AMOUNT	02 UNT OF MEASURE	03 COMMENTS		
St.U	SLUOGE		L		Waste	Characteris	Stics
OLW	OILYWASTE		<u> </u>			ed in on-s	
SOL	SOLVENTS		Γ			amples C	
PSD	PESTICIDES		Unkn	owa	by Th		1-89.
occ	OTHER ORGANIC CH	HEMICALS		own	,		
100	INORGANIC CHEMIC	ALS	Unkn				
ACD	ACIOS		1		 		
BAS	BASES						
MES	HEAVY METALS		Lunkn	own			
IV. HAZARD	OUS SUBSTANCES	ppends for most frequent		0	L		
01 CATEGORY	02 SUBSTANCE N		03 CAS NUMBER	04 STORAGE/DS	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
				 	 ,		Concentration
ļ	SEE	Alarra	HIVE TA	RIE SEC	JION 4.	h	
 		NULL	TIVIZ L	hole acc	יר עוטו ל		
			 	 			
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	<u> </u>			1		<u> </u>	<u> </u>
			<u> </u>				
			Γ				
		,					
V FEEDST	CKS 1500 Appends for CAS Munic			<u> </u>		1	<u> </u>
}			02 CAS NUMBER	CATEGORY	01 FEEDST	~	
CATEGORN	OI FEELDIOC		UZ CAS HOUSE	{	VI FEEDSI		02 CAS NUMBER
FOS			 	FOS			
FOS	Unka	บก	}	FDS	<u>Unka</u>	own	
FOS			↓	FOS			
FUS			<u> </u>	FDS			:
VL SOURCE	S OF INFORMATION ICA	s specific references, e.g.	, state Med, sample analysis,	mpett)			
FITS	LITE INSPECTION	ON 4-4-8	39.				
	ILES - REGION						
1-41	TICS RUCE,	٠ ٠					
ţ					•		
}							

ŞEPA

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

L IDENTIFICATION						
OI STATE	ILD 9806 127	-17				

PART 3 - DESCRIPTION OF H	AZARDOUS CONDITIONS AND INCIDENT	s III	439812+1+
IL HAZARDOUS CONDITIONS AND INCIDENTS			
•	02 DOBSERVED DOATE:	POTENTIAL (norm).	D ATTEGED
01 8 B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	POTENTIAL	D ATTEGED
SE	E SECTION 5.3		
01 E.C. CONTAMINATION OF AR 03 POPULATION POTENTIALLY AFFECTED: 0 POTENTIAL	02 DOBSERVED (DATE:) 04 NARRATIVE DESCRIPTION 15 IOW TO NONE.	D POTENTIAL	O ALLEGED
ON IT IN ERSEASE CONDITIONS	E SECTION 5,4	D POTENTIAL	O ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	E SECTION 5,5		
Je	2 323.13, 7 373		
01 BE DEFECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: 3,262 (1-mile radius		● POTENTIAL	C) ALLEGED
SE	ESECTION 5,6		
01 B F. CONTAMINATION OF SOIL ~20 ACCS 13 AREA POTENTIALLY AFFECTED: ~20 ACCS	02 D OBSERVED (DATE: 4-4-89) 04 NARRATIVE DESCRIPTION	■ POTENTIAL	() ALLEGED
SEI Contamination fo	e SECTION 4.2 und at 1-6 inches in	Surface	Soils,
01 B.G. DRENKING WATER CONTAMINATION 2,504	02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	POTENTAL	D ALLEGED
SI STAIL ROOM	EE SECTION 5.2	THE AGUI	Concern)
01 CI H. WORKER EXPOSURE/NURY 03 WORKERS POTENTIALLY AFFECTED:	02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	O POTENTIAL	D ALLEGED
NONE O	bserved or reportED.		
01 DL POPULATION EXPOSUREMURY 03 POPULATION POTENTIALLY AFFECTED:	02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	C) POTENTIAL	D ALLEGED
NONE	observed or reported		

\$EPA

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

C WENTHEATION
OI STATE OF SITE NUMBER
IL IL0980612717

III HAZARDOUS CONDITIONS AND INCIDENT			
IL HAZARDOUS CONDITIONS AND INCIDENT	S ROMANN		
01 1. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE		() ALLEGED
	SEE SECTION 3.3		
accouse of th	e-month (early April) FITC	and actabs	one if
VEGETATION MA	SEE SECTION 3.3 e month (early April) FIFC is Stressed.		3 K. 18
01 TK DAVIAGE TO FAUNA	02 OBSERVED (DATE	I POTENTIAL	D ALLEGED
04 NARRATIVE DESCRIPTION include namelial of special	u		J
	SEE SECTION 3.3		
01 & L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 () OBSERVED (DATE	_1 POTENTIAL	'C) ALLEGED
, •••	POTENTIAL IS LOW TO NONE	-	
r	CIEIGNAL CO TOTA TOTACIAC	, .	·
01 M. UNSTABLE CONTAINMENT OF WASTES	02 D OBSERVED (DATE:	_)	CALLEGE
State the most Standard bounds I awknow the state I	· · · · · · · · · · · · · · · · · · ·	POIENIAL	D ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	(UNDUUX) 04 NARRATIVE DESCRIPTION		
Filerof	acountion does not induce	HE THE Proser	V0,
Of a mo	ormation does not induce an-made liner, SEE SEC	DON/ 5.2.	
D1 N. DAMAGE TO OFFSITE PROPERTY	02 D OBSERVED (DATE	_) POTENTIAL	
04 NARRATIVE DESCRIPTION	02 0 0000 NED (DATE	_ / WICHIAL	() ATTEGED
Des P	laines River Could be in Site Contamination,	npacted	
by on-	Site Contamination,	•	
			
O1 🖿 O. CONTAMINATION OF SEWERS, STORM I			
	DRAINS, WWTPs 02 () OBSERVED (DATE:) POTENTIAL	D ALLEGED
04 NARRATIVE DESCRIPTION			
04 NARRATINE DESCRIPTION	Sourc-like Stolltures	on-site, incl	udina
04 NARRATINE DESCRIPTION	Sourc-like Stolltures	on-site, incl	udina
of NATRATIVE DESCRIPTION Several S A drainage ditch has water lines Munning	Scuer-Like Structures (SEE APPENDIX C. NOTTO g through the landfill. S	on-site, incl	udina
OA NAFRATIVE DESCRIPTION SEVERAL S A drainage ditch HAS WATER LINES YUNNING OT @ P. ELLEGALUNAUTHORIZED DUMPING	Sourc-like Stolltures	on-site, incl	udina
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES YUNDIA O1 @ P. ELLEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION	Scuer-Like Structures (b, SEE APPENDIX C. NOTTO g through the land fill. S 02 @ OBSERVED (DATE: 4489	On-Site, incl havest hater EE SECTION	Uding Commission 2.3.
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES YUNDIA O1 @ P. ELLEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION	Scuer-Like Structures (b, SEE APPENDIX C. NOTTO g through the land fill. S 02 @ OBSERVED (DATE: 4489	On-Site, incl havest hater EE SECTION	Uding Commission 2.3.
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNNIM O1 OF P. ELEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION MIXED MUN	Scuer-Like Structures (SEE APPENDIX C. NOTTO g through the land fill. S 02 BOSSEMEDIDATE: 4489 icipal debns Observed a	On-Site, incl havest hater EE SECTION	Uding Commission 2.3.
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES YUNDIA O1 @ P. ELLEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION	Scuer-Like Structures (SEE APPENDIX C. NOTTO g through the land fill. S 02 BOSSEMEDIDATE: 4489 icipal debns Observed a	On-Site, incl havest hater EE SECTION	Uding Commission 2.3.
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNNIM O1 OF P. ELEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION MIXED MUN	Scuer-Like Structures (b, SEE APPENDIX C. NOTTO g through the land fill. S 02 DOSSERVED (DATE: 4489 icipal debns Observed a cricn 3.3.	On-Site, incl havest hater EE SECTION	Uding Commission 2.3.
O4 NATRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES YUNDIA O1 DP. ELLEGALUNAUTHORIZED DUMPING O4 NATRATIVE DESCRIPTION MIXED MUD Thi SSL, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE	Scher-Like Structures (b, SEE APPENDIX C. NOTTO g through the land fill. S 02 @ OBSERVED (DATE: 4489 icipal debnis Observed as cricn 3.3.	On-Site, incl havest hater EE SECTION —I POTENTIAL H the time (Uding Commission 2.3. DALLEGED
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WAKEN LINES MUNNIMO O1 DP. ELEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION MIXED MUN This SSL, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE SEE SEC	Scuer-Like Structures (by SEE APPENDIX C. NOTTO g through the land fill. S 02 10 085ERVED (DATE: 4489 icipal debns Observed a crich 3.3. ENTIAL OR ALLEGED HAZAROS MON 2.3 ON MAKER LINES	on-site, incl est hater se Section - POTENTIAL the time of s running t	Uding Commission 2.3. DALLEGED
O4 NAFRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WAKEN LINES MUNNIMO O1 DP. ELEGALUNAUTHORIZED DUMPING O4 NAFRATIVE DESCRIPTION MIXED MUN This SSL, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE SEE SEC	Scher-Like Structures (b, SEE APPENDIX C. NOTTO g through the land fill. S 02 @ OBSERVED (DATE: 4489 icipal debnis Observed as cricn 3.3.	on-site, incl est hater se Section - POTENTIAL the time of s running t	Uding Commission 2.3. DALLEGED
OF NATION DESCRIPTION SEVERAL S A drainage ditch has water lines yunning OF D. ELEGALUNAUTHORIZED DUMPING OF NATION MIXED MUN Thi SSL, SEE SEC OS DESCRIPTION OF ANY OTHER KNOWN, POTE THE LAND FILL FROM THE	Scher-Like Structures (by SEE Appendix C. North g through the landfill. S 02 10 08SERVED (DATE: 4489 icipal debns Observed a crich 3.3.	On-Site, incl NATER EE SECTION - POTENTIAL + the time of S running +	uding Commission 2.3. DALLEGED
OF NATIONAL DESCRIPTION SEVERAL S A drainage ditch HAS WATER LINES PUNNING OF DESCRIPTION MIXED MUN This SSI, SEE SEC OS DESCRIPTION OF ANY OTHER KNOWN, POTE THE LAND FILL FROM THE BL. TOTAL POPULATION POTENTIALLY AFF	Scuer-Like Structures (by SEE APPENDIX C. NOTTO g through the land fill. S 02 10 085ERVED (DATE: 4489 icipal debns Observed a crich 3.3. ENTIAL OR ALLEGED HAZAROS MON 2.3 ON MAKER LINES	On-Site, incl NOWEST MATER EE SECTION I POTENTIAL H HAR TIME OF S running +	uding Commission 2.3. DALLEGED
OF NATIONAL DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNDING OF DESCRIPTION MIXED MUND THE SSE, SEE SECONS OS DESCRIPTION OF ANY OTHER KNOWN, POTE THE LAND FILL FROM THE ULL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS	Scher-Like Structures (by SEE APPENDIX C. NOTTO g through the land fill. S 02 10 OBSERVED (DATE: 4489 icipal debns observed a crich 3.3. EMMAL OR ALLEGED HAZAROS MON 2.3 ON MAKER LINES L NOTTHWEST MAKER COMM	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OF NATIONAL DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNDING OF DESCRIPTION MIXED MUND THE SSE, SEE SECONS OS DESCRIPTION OF ANY OTHER KNOWN, POTE THE LAND FILL FROM THE ULL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS	Scher-Like Structures (by SEE APPENDIX C. NOTTO g through the land fill. S 02 10 OBSERVED (DATE: 4489 icipal debns observed a crich 3.3. EMMAL OR ALLEGED HAZAROS MON 2.3 ON MAKER LINES L NOTTHWEST MAKER COMM	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OA NATRATIVE DESCRIPTION SEVERAL S A drainage ditch has water lines y unning O1 B.P. ELEGALUNAUTHORIZED DUMPING O4 NATRATIVE DESCRIPTION MIXED MUN This SSI, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE The landfill from The UL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS I mile radius of	Scher-Like Structures (by SEE Appendix C. North g through the landfill. S 02 10 00 00 00 00 00 00 00 icipal debnis Observed a crical 3.3. DATA OR ALEGED HAZAROS TION 2.3 ON MAKER LINES L NORTHWEST MAKER COMM ECTED: 3-mile radius on 6 rous	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OF NATIONAL DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNDING OF DESCRIPTION MIXED MUND THE SSE, SEE SECONS OS DESCRIPTION OF ANY OTHER KNOWN, POTE THE LAND FILL FROM THE ULL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS	Scher-Like Structures (by SEE Appendix C. North g through the landfill. S 02 10 00 00 00 00 00 00 00 icipal debnis Observed a crical 3.3. DATA OR ALEGED HAZAROS TION 2.3 ON MAKER LINES L NORTHWEST MAKER COMM ECTED: 3-mile radius on 6 rous	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OA NATRATIVE DESCRIPTION SEVERAL S A drainage ditch has water lines y unning O1 B.P. ELEGALUNAUTHORIZED DUMPING O4 NATRATIVE DESCRIPTION MIXED MUN This SSI, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE The landfill from The UL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS I mile radius of	Scher-Like Structures (by SEE Appendix C. North g through the landfill. S 02 10 00 00 00 00 00 00 00 icipal debnis Observed a crical 3.3. DATA OR ALEGED HAZAROS TION 2.3 ON MAKER LINES L NORTHWEST MAKER COMM ECTED: 3-mile radius on 6 rous	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OA NATRATIVE DESCRIPTION SEVERAL S A drainage ditch has water lines y unning O1 B.P. ELEGALUNAUTHORIZED DUMPING O4 NATRATIVE DESCRIPTION MIXED MUN This SSI, SEE SEC O5 DESCRIPTION OF ANY OTHER KNOWN, POTE The landfill from The UL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS I mile radius of	Scher-Like Structures (SEE APPENDIX C. NOTTO g through the land fill. S 02 10 08 SERVED (DATE: 4-189) icipal debns observed a crich 3.3. EMMAL OR ALLEGED HAZAROS MON 2.3 ON MAKER LINES L. NOTTHWEST MAKER COMM ECTED: 3-mile radius on Grow -3,262 is also pokentially - pathwary.	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OA NATRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES YUNDIA OI D. ELEGALUNAUTHORIZED DUMPING O4 NATRATIVE DESCRIPTION MIXED MUN Thi SSI, SEE SEC OS DESCRIPTION OF ANY OTHER KNOWN, POTE SEE SEC The landfill from The W. COMMENTS I- MILL RADIUS OF The Direct Contact V. SOURCES OF INFORMATION (24) SOURCE MARKET	Scher-Like Structures (SEE APPENDIX C. NOTTO g through the land fill. S 02 10 08SERVED (DATE: 4489 icipal debnis observed as cricn 3.3. ENTIAL OR ALLEGED HAZAROS MON 2.3 ON MATER LINES L. NOTTHWEST WATER COMM ECTED: 3-mile radius on Ground ~3,262 is also potentially - Pathway.	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough
OF NATRATIVE DESCRIPTION SEVERALS A drainage ditch HAS WATER LINES MUNDING OF P. ELEGALUNAUTHORIZED DUMPING OF NATRATIVE DESCRIPTION MIXED MUN This SSI, SEE SECO The landfill from The EL TOTAL POPULATION POTENTIALLY AFF IV. COMMENTS I - MILE radius of The Direct Contact	Scher-Like Structures (SEE APPENDIX C. NOTTO g through the land fill. S 02 10 08SERVED (DATE: 4489 icipal debnis observed as cricn 3.3. ENTIAL OR ALLEGED HAZAROS MON 2.3 ON MATER LINES L. NOTTHWEST WATER COMM ECTED: 3-mile radius on Ground ~3,262 is also potentially - Pathway.	on-site, incl nest hater EE SECTION I POTENTIME H the time of S running the nission.	uding Commission 2.3. DALLEGED hrough

	POTENTIAL	HAZARD	ou:	S WASTE SITE	Į.	L IDENTIFICATION
≎EPA		ITE INSP	ECT	ION	1	OI STATE OZ STE NUMBEA TL TLD98061247
IL PERMIT INFORMATION			-			
O1 TYPE OF PERMIT ISSUED	02 PERMIT HUMBER	03 DATE ISS	U€D	04 EXPIRATION DATE	05 COMMENTS	
() A MPDES	1					
DB UIC					·	
DC. AIR						
() D. RCRA					EONAM	DEBUER Prosidents
DE. NORA INTERIM STATUS						y Improvement
OF. SPCCPLAN		Filedo	Z.		Co. File	a an Application
EG. STATE (Specify)	NONE	7-28-	69			alstration of Refuse
DH. LOCAL ISONOM	Unknown	1			Dispos	al Sikor Facility
OL OTHER (Speedy)		<u> </u>				L Illinois Depart-
DJ. NONE	<u> </u>	<u></u>				F PUBLIC HEALT.
III, SITE DESCRIPTION					(IDPH)).
01 STORAGE/DISPOSAL (Check of that world	2 AMOUNT 03 UNIT OF	MEASURE	04 TR	REATMENT ACTION OF PINE A	polyt	05 OTH€R
D A SURFACE IMPOUNDMENT		l l	_	INCENERATION		ろ A. BUILDINGS ON SITE
B. PILES				UNDERGROUND INJ		conveni/garage.
D. TANK ABOVE GROUND				CHEMICAL/PHYSICA BIOLOGICAL	u.	-Boiler room! Hountenance House
THE TANK RELOW GROUND				WASTE OIL PROCES	SING	06 AREA OF SITE
■ F. LANDFILL	O Acres x 30 feet	t deep 1	OF.	SOLVENT RECOVER	Y	4.00
D.G. LANDFARM				OTHER RECYCLING		~20
D H. OPEN DUMP		1	₽ K.	OTHER 24" OF U		
D L OTHER			t 10/	OLCOVER/35	OF CLAY	05
07 COLLIENTS	_					
A Final Cover of 2	4" of unknow	wn m	nat	end m	15 laid -	down on the
landfill for Closu	re in 1970, i	ndica	<i>Hec</i>	TO DE SU	spervise	by The IEPA
and/or IDPH. The	Cover 15 1	nau(A)	HC	10 have	reen 1	and down by
landfill for Closu and/or IDPH. The Sanitary Impro 35-40 truckloads (rement, co. 2	yeu	~/ >	HATEL CIO	s(re, 0, 0)	S. AUAMS Idio davi
	of Clean earl	Larac	JA	ly maren A	1 70 Con	ndat erosion.
IV. CONTAINMENT OI CONTAINMENT OF WASTES (Creek and				·		
A. ADEQUATE, SECURE	B. MODERATE/		DEQI	UATE, POOR	O D. INSECL	JRE, UNSOUND, DANGEROUS
or description of Druks, Drang Livers, B File information		indica	ale	e the ora	SANCO	of a man-made
liner. The Site	NAS IN AC	riati	00	Since C	ica 19	155, When
1: HLE to No reg	NATION PYI	Sted.	•			1327 W. G.
1.46 10 70 129	CIATION	.5,00				
V. ACCESSIBILITY			<u> </u>			
OI WASTE EASLY ACCESSIBLE: YES	I) NO					
	ation found	1,05,	wt	an Salls	a+ 1-6	inches
Contamin	anoryounce	11100	u ,	ace sono	W i	o in lorkes,
W COURSES OF INCOMMETON						
VL SOURCES OF INFORMATION (or the safe of the safe to the		-			
E & E FIT FILE	S-Region T					
		- •				

\$ EP.	A	POTE	NTIAĽ HAZAF SITE INSPEC , DEMOGRAPHI	TION REP	ORT	_		INTIFICATION ITE 02 SITE NUMBER ILO9	BER .
IL DRINKING	WATER SUPPLY								
O1 TYPE OF DRIP	ONG SUPPLY LAKE	michigany	02 STATUS ENDANGERE	D AFFE	CTED A	AONITORED	03	DISTANCE TO ST (CIUS (ST)	Æ
COMMUNITY NON-COMMUN	A. D	B. 6	A. 🗆 0. 🖸	8. E.	0	C ● F. 🖸	A. B.	2.45 -3/4	(ml) _(ml)
M. GROUNDW	YATER								
-	TER USE IN VICINITY (Check of COURCE FOR DRINKING	B. DRINKING (Other sources aveilable	DUSTRIAL IRRIGATIO	ru.	DAMERCIAL .	INDUSTRIAL, IRRIGAT	ION (O O. MOT USED, U	MUSEABLE
02 POPULATION	SERVED BY GROUND WAT	a 2,504 (f	concern)	03 DISTANC	E TO NEARES	T DRINKING WATER V	verr	3/4	_(mi)
ON DEPTH TO GR	NOUNDWATER	05 DIRECTION OF GRO	WOJATER FLOW	06 DEPTH TO OF CONC) AQUIFER	OF AQUIFER	0	08 SOLE SOURC	E AQUIFE
_~	124 10	EAST -> S	<u>outheast</u>	اسم ا	24_m	Unknown	-{gpd]	D YES	■ NO
OF DESCRIPTION	OF WELLS (Including usuage)	depth, and locaton relative to	population and buildings)						
		SE	EE SECO	on 5	5.2.				
10 RECHARGE AL	REA DAGMENTS	NA		11 DISCHAR ■ YES □ NO		The DES S Potention Shallow 9	Plain uly nour	nes Rive a disc nduater	e is harq floo
IV. SURFACE	WATER								
A RESET	RVOIR, BECREATION ONG WATER SOURCE	D B. ERRIGATIO	N, ECONOMICALLY IT RESOURCES	r 🗆 c. (COMMERCU	L NOUSTRIAL	01	D. NOT CURREN	MLY USE
02 AFFECTEDAP NAME:	DES PLA	DOES OF WATER	ER			AFFECTED	Adj	DISTANCE TO	_
					<u></u>	0	<u>-</u>	SIR	<u></u> (

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE A ~ 3,262 MILE OF PERSONS

TWO (2) MILES OF SITE B. 32, 639 NO. OF PERSONS THREE (3) MILES OF SITE C.~94,807

02 DISTANCE TO NEAREST POPULATION

ON-SIR (m)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

~11,869

04 DISTANCE TO NEAREST OFF-SITE BUILDING

~ /4 (m)

IS POPULATION WITHIN VICINITY OF SITE phonds namely description of nature of population within withing of sea, e.g., even, whops, duranty papulated uses usual

SEE SECTION 5.2.

4 CDA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT				
\$EPA	PART 5 - WATER, DEMOGRAPH		NMENTAL DATA	IL ILD93 (6/27/7	
VI. ENVIRONMENTAL INFORMA					
O1 PERMEABILITY OF UNSATURATED 2	CIAYS				
□ A. 10 ⁻⁴ – 10 ⁻	* cm/sec ■ B. 10~4 - 10~6 cm/sec □) C. 10 ⁻⁴ 10 ⁻³ cm	Sec U.D.GREATER	THAN 10 ⁻³ cm/sec	
02 PERMEABILITY OF BEDROCK (Check	_ ShAIE		STONE		
A, IMPERI Regs from	MEABLE B. RELATIVELY IMPERMEAB 10 ⁻⁴ correct (10 ⁻⁴ - 10 ⁻⁴ correct	(10-2 - 10-4	Y PERMEABLE () 0.	, VERY PERMEABLE (Greater than 10 ⁻² chi/sec)	
03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	OS SOIL pH			
-124 m	UNKNOWN IN	עחע	roun		
06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	06 SLOPE SITE SLOPE	DIRECTION OF SITE S	LOPE, TERRAIN AVERAGE SLOPE	
<u>4.57</u>	2,4 m	<u>600</u> *	EAST - SOL		
09 FLOOD POTENTIAL	10 1 A A G 000000				
SITE IS IN LACKLY YEAR FLO	DOOPLAIN NA DISTE IS ON BARR	HER ISLAND, COASTA	LHIGH HAZARG AREA.	, RIVERINE FLOODWAY	
11 DISTANCE TO WETLANDS IS son mine		12 DISTANCE TO CRIT	CAL HABITAT processor	d species)	
ESTUARINE	OTHER	ľ	0) (mi)	
	8. <u>73</u> (mi)	ENDANGERE	D SPECIES:	NONE	
13 LANDUSE IN VICINITY					
DISTANCE TO: COMMERCIAL/INDUSTR	RESIDENTIAL AREAS; NATIO RIAL FORESTS, OR WILDLE		AGRI PRIME AG LAN	CULTURAL LANDS ID AG LAND	
A	8. ON-Sit	E (mi)	c	(mi) D. <u>NA</u> (mi)	
14 DESCRIPTION OF SITE IN RELATION	TO SURROUNDING TOPOGRAPHY				
	SEE SEC	non 3.3			
				•	
					

\$EPA	-	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 6 - SAMPLE AND FIELD INFORMATION			ation Te number LD98Ø612717	
IL SAMPLES TAKEN	To the order of	Von Culton SC CCOT VO				
SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	ORGANIC	Inorgan	NIC	03 ESTIMATED DATE RESULTS AVAILABLE	
GROUNDWATER	NA	U				
SURFACE WATER	NA					
WASTE	NA					
AR	NA					
RUNOFF	NA					
SPILL	NA					
SOL	SI-S6	ENCOT OF ANY ARBOR, MI. 48108	SKINNER OF 1 MA. 02254	VAITHAM	AVAIJABLE	
VEGETATION	NA		····			
OTHER	NA					
IL FIELD MEASUREMENT	S TAKEN			-		
01 TYPE	02 COMMENTS			 		
OVA 128:	No dute	tions in breath	ing tone at	ove Back	g round (I pp	
Explosimetel: No readings.						
RADIATION MINI ALERT: NO delections.						
HYDROGEN CYA	MONITOR	e: No detetion	S.			
		ngs above or beli	on 20.5 %			
IV. PHOTOGRAPHS AND		02 IN CUSTODY OFE {E	- CHica60			
01 TYPE III GROUND DA	CATION OF MAPS	(Plane of organization or individual			
TES FIT FILES - E & E CHICAGO						
V. OTHER FIELD DATA C	OLLECTED A	- Political				
1	VONE					
	• • -					
VI. SOURCES OF INFORM	MATION (Cay asserts references a	e_ state files, severe exploses, records				
	-ILES - REGIO					
1 675 84 1	-+CC) - KEO+(W 3 .				

FIT SITE INSPECTION: 4-4-89

≎EPA	F		SITE INSPE	ARDOUS WASTE SITE CTION REPORT ER INFORMATION	6	IDENTIFIE OF	cation este namer LD980612717
IL CURRENT OWNER(S)				PARENT COMPANY IF ADDICABLE			······································
D1 NAME		02.04	B NUMBER	OB NAME			09 D + 8 MUMBER
SISTERS OF NAZARETH		<u> </u>	NA	NONE 10 STREET ADDRESS IP. 0 BOX AFD P. ONE			
		ľ	04 SIC CODE	10 STREET ADDRESS (P.O Box, NFD P, and	J		11 SIC CODE
353 N. RIVER Rd.	O6 STATE	<u></u>	NA	12 CITY			11.20.0006
oson DES Plaines	TL		50016	12011		13 SIATE	14 ZIP CODE
OI NAME		`	+ B HUMBER	OS NAME		<u> </u>	09 0 + 8 NUMBER
OI POME						İ	
03 STREET ADDRESS (P.O. Box, MD P. onc.)		1	04 SIC CODE	10 STREET ADDRESS (P.O. Box, AFD P. on	1	1	11 SC COOE
os arv	06 STATE	07 20	P COOE	12 CITY		13 STATE	14 ZP COOE
	L	020	+8 NUMBER	O8 NAVÆ			09 0+8 NUMBER
01 NAME		""	TONOMOCH	Consume			O3 D 4 B MOMBEM
03 STREET ADDRESS (P O. Box, NFD 4, etc.)		1	04 SIC CODE	10 STREET ADDRESS (P.O Boc. AFD P. oc.	,		11SIC CODE
os any	06 STATE	07 2	P CODE	12017		13 STATE	14 ZP CODE
				1			
01 NAME		05.0	+ 8 NUMBER	OS NAME	-		09 D+B NUMBER
03 STREET ADDRESS (P. O. Bus, NO 4, orc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box. NFD 4, esc	,	L	11SC CODE
05 CITY	OS STATE	07 2	P COOE	12017		13 STATE	14 2P COOE
IIL PREVIOUS OWNERS) Electron from the		-		IV. REALTY OWNER(S)	hi and acc		
OI HAME. UNKNOWN		05.0	+8 NUMBER	NONE			02 D+8 NUMBER
03 STREET ADDRESS (P.O. Box, AFD 4, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, AFO F, or	.		04 SC CODE
os any	OSSTATE	07 2	PCODE	os atr		OS STATE	07 ZP CODE
O1 NAME	*	03.0	+6 NUMBER	O1 NAME			02 D+8 NUMBER
03 STREET ADDRESS (P.O. Bas, MO F, onc.)		1	04 SIC CODE	03 STREET ADDRESS (P.O. Sac. AFD F. on	i i		04 SIC CODE
OS CITY	OS STATE	E 07 2	PCODE	osaty		06 STATE	07 ZP CODE
01 NAME		02 0	+8 NUMBER	O1 NUME			02 D+ S HUMBER
03 STREET ADDRESS (P.O. Bas. MOV. onl)			04 SIC CODE	03 STREET ADDRESS (F.O. aux, MO F. aux	,	1	. 04 SIC COOE
osati	06STATE	07	2P CODE	озспу		OS STATE	07 ZP CODE
V. SOURCES OF INFORMATION (CO. 1940)	L	.l L. + q., s	and their analysis analysis.	Append .		<u>. </u>	
ELE FIT FLIES-RI SITE INSPECTION SITE INTERVIEW:	66IO : 4- 3-29	N-8 4-8	Y. 39				

P		PC	OTENTIAL HAZARDOUS WASTE SITE			LIDENTIFICATION	
SEPA				TION REPORT OR INFORMATION	IL 3	2 STE MARSER [LD980612717	
AL CURRENT OPERATO	R Monda Fathering bea			OPERATOR'S PARENT COMPANY	F ecolombia;		
OI NAME	_		02 D+B NUMBER	10 NAME		11 D+B NUMBER	
NONE			Unknown				
OJ STREET ACOPESS # 0 M	e, RFO 0, etc.)		04 SIC CODE	12 STREET ADDRESS # 0. Box, MFD 4, eac.)		13 S/C COD€	
		1					
os CITY		06 STATE	07 ZIP COOE	14 CITY	15 STATE	16 ZIP COOE	
DE YEARS OF OPERATION	09 NAME OF OWNER	L				<u> </u>	
DE TENSO OF CALLOR	OF NAME OF OWNER						
				DESMONE ODERATORS DARGO	00100111150		
III. PREVIOUS OPERAT	OH(2) ICE		02 D+8 NUMBER	10 NAME	REVIOUS OPERATORS' PARENT COMPANIES (Facebooks)		
	ภา <i>บาบ</i> าส ก าย ห	T(0		Unknown			
SANTARY I	I PO F. orc.)	<u>", w</u>	04 SIC CODE	12 STREET ADDRESS 40 0 0 0 000 000 000		13 SC CODE	
5859 N. R OSCITY ROSENCAT, ON YEARS OF OPERATION UNKNOWN	INER DA						
05 CITY	V 10- VII.	06 STATE	07 ZIP COOE	14 017	15 STATE	16 ZIP CODE	
ROSENCAT		IL.	60018				
DE YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	PERIOD (
Unknown	Imparen	ent c	Ka Suntary				
OI NAME	7	,	02 D+B NUMBER	10 NAME		11 D+8 NUMBER	
03 STREET ADDRESS (P.O. Bo	L RFD 4, OIL.)	-	04 SIC CODE	12 STREET ADDRESS P O. Box. NO F. acc.)		13 SIC COOE	
						_,	
os catv		06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP COOE	
ON YEARS OF OPERATION	09 NAME OF OWNER	OV IONIC THE	S OCCUPANT			<u> </u>	
W TEASO OF EARIOR	OF IOURE OF OWNER	OUI-W III-	Srewo				
01 NAME			02 D+8 NUMBER	10 NAME		11 D+8 NUMBER	
03 STREET ADDRESS (P.O. Box, MO F, etc.)		04 SIC COO€	12 STREET ADDRESS P.O. But, NO. J.		13 SIC COO€		
			į				
06 CITY		OS STATE	07 ZIP CODE	14 OTY	15 STATE	16 ZP COOE	
06 YEARS OF OPERATION	09 NAME OF OWNER	DURING TH	S PERIOD				
	<u> </u>					·····	
IV. SOURCES OF INFO	RMATION (Cas aprox	k references,	LO., abote flot, comple analysis	. reported		·····	
E E FI	FILES-1	2E61	ON V				
SITE In							
1		J Z 1	01.				
* April do							
* NOW defUNCT (dissolved ~1970).							
CHARIES HEARIT, OPERATOR.							
	•						
			_				

EPA FORM 2075-13 (7-81)

\$EPA		SITE INSPE	ARDOUS WASTE SITE ECTION REPORT RANSPORTER INFORMATION	LIDENTIFI 01 STATE 02 TL I		
IL ON-SITE GENERATOR			**************************************			
01 NASE		02 D+B NUMBER				
Unknown						
03 STREET ADDRESS (P.O. Box, NFO P, MC)		04 SIC CODE	7			
			}			
os arv	06 STATE	07 ZIP CODE				
UL OFF-SITE GENERATOR(S)	1	<u> </u>	<u> </u>			
OI NAME		02 D+8 NUMBER	01 NAME		02 D+B NUMBER	
Larnaun						
O3 STREET ADDRESS (P.O. BOX, AFD), OKL)		04 SIC COO€	03 STREET ADDRESS (P.O. Box, RFD P. acc)		04 SIC COOE	
ASSUME SUMULOC	1100					
ASSUME SUMOUND	06 STATE	07 ZIP COO€	05 CITY	OG STATE	07 ZIP CODE	
communities				1 1		
OI NAME	4	02 O+8 NUMBER	01 NAME		02 D+B NUMBER	
* J.S. ADAMS C	١.	l				
03 STREET ADORESS (P.O. Box, RFO F. HE)		04 SIC COO€	03 STREET ADDRESS (P.O. Box, NFO P. ML)	L	04 SIC CODE	
1250 E. GOIF RO) ,					
1 05 Cl 1	06 STATE	07 ZIP COO€	05 CITY	OG STATE	07 ZIP COOE	
DES PlainES	IIL	60016				
IV. TRANSPORTER(S) PREVIOU	<u></u>					
OI HIME	, ر	02 D+B NUMBER	01 NAME	r	02 D+8 NUMBER	
ARC DISPOSAL CO	Tax		1			
03 STREET ADDRESS (P.O. Box NFD A. ORL)	· M.C.	04 SIC CODE	03 STREET ADDRESS (P.O. Box, NFD /, onc.)	1	04 SIC CODE	
5859 N. RIVER 1	2d.					
OS OTY		07 20P COD€	os atry	TOG STATE	07 ZIP CODE	
ROSEMONT	TI	60018				
01 NAME	<u> </u>	02 D+B NUMBER	O1 NAME		02 D+6 NUMBER	
						
D3 STREET ADDRESS (P.O. Box, NFD 4, ML)		04 SIC COO€	03 STREET ADDRESS (P.O. Sec. NFD F, sec.)	i	04 SIC CODE	
os city	06 STATE	07 ZP CODE	05 CITY	00 STATE	07 ZIP CODE	
		Į				
V. SOURCES OF INFORMATION (Che special	t aleman	L.C., State Blos, comple analysi	k Apprel		-	
ETE FIT FILES						
Sik Interview	, N	410N V.				
SIR LINE VIEW	, J-	-27-87.				
# Clean earn ar	d (1	AV malen	ALS FOR MODIFIE	(CO)	L'00S	
* Clean earth and Clay makenals from various excavations.						
A TULDIMATION (, س ر	inaske t	ilula - Up 15 not A	IVAI/AI	SIE	
# Information ON Wastes picked-up is not Available in file. File indicates Mixed-municipal Waste, only.						
1						
·						
EPAFORM 2070-13 (7-61)				~		

	POTENTIAL	HAZARDOUS WASTE SITE		L IDENTIFICATION
		NSPECTION REPORT AST RESPONSE ACTIVITIES		01 STATE 02 SITE MARBER JL ILD 980612717
IL PAST RESPONSE ACTIVITIES		AOTHEO OHOE AOTHTHES		
01 D.A. WATER SUPPLY CLOSED		02 DATE	03 AGENCY	
04 DESCRIPTION	_			
	NA			
01 D 8. TEMPORARY WATER SUPPLY	PROVIDED	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D.C. PETMANENT WATER SUPPLY	PROVIDED	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D D. SPILLED MATERIAL REMOVED		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 [] E. CONTAMINATED SOIL REMOVI	ED	02 DATE	03 AGENCY	
	NA			
01 D F. WASTE REPACKAGED	<u>,, , </u>	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 CLG. WASTE DISPOSED BLSEWHER		02 DATE	03 AGENCY	
D4 DESCRIPTION				
	NA			
01 D H. ON SITE BURIAL		02 DATE	03 AGENCY	
04 DESCRIPTION	MA			
01 D L IN SITU CHEMICAL TREATMENT	7	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 [] J. IN STU BIOLOGICAL TREATME	NT	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D.K. IN SITU PHYSICAL TREATMEN	T	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D L ENCAPSULATION		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 D M. EMERGENCY WASTE TREATM	ENT	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 CI N. CUTOFF WALLS		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 O. EMERGENCY DIKING/SURFAC	E WATER DIVERSION	02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 CI P. CUTOFF TRENCHES/SUMP		02 DATE	03 AGENCY	
04 DESCRIPTION	NA			
01 El Q. SUBSURFACE CUTOFF WALL		02 DATE	03 AGENCY	
04 DESCRIPTION	NA		W MUNUT	

≎EPA	POTENTIAL HAZARDOUS WASTE S SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITY	01 STATE 02 SITE MARGER
HPAST RESPONSE ACTIVITIES (Comme)	
01 D. R. BARRIER WALLS CONSTRUCT 04 DESCRIPTION N.A.		O3 AGENCY
01 S. CAPPING/COVERING 04 DESCRIPTION CAPPED V	VITA 24" Of final Cover ma is Unknown,	HENAI. SUPERVISED CLASURE
01 D.T. BULK TANKAGE REPAIRED	02 DATE	Q3 AGENCY
01 D U. GROUT CURTAIN CONSTRUC 04 DESCRIPTION	NA	03 AGENCY
01 EJ V. BOTTOM SEALED 04 DESCRIPTION	MA	03 AGENCY
01 EJ W. GAS CONTROL 04 DESCRIPTION	NA	03 AGENCY
01 D X FIRE CONTROL 04 DESCRIPTION	O2 DATE	O3 AGENCY
01 CI Y. LEACHATE TREATMENT 04 DESCRIPTION	NA	03 AGENCY
01 () Z. AREA EVACUATED 04 DESCRIPTION	NA	03 AGENCY
01 () 1. ACCESS TO SITE RESTRICTE 04 DESCRIPTION	02 DATE	03 AGENCY
01 (2) 2. POPULATION RELOCATED 04 DESCRIPTION	N A	03 AGENCY
01 (1) 3. OTHER REMEDIAL ACTIVITIE 04 DESCRIPTION	S 02 DATE	03 AGENCY
IL SOURCES OF INFORMATION (Chi as	ocific references, e.g., state likes, sample enalysis, reported	
EXE FIT Files Site Interview	- Region I. J: 3-29-89.	

EPA FORM 2070-13 (7-81)



POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 11 - ENFORCEMENT INFORMATION

L IDENTIFICATION

01 STATE 02 SITE MUNDER

IL IL 1980612717

IL ENFORCEMENT INFORMATION

DI PAST REGULATORY/ENFORCEMENT ACTION # YES DINO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

In 1970, the landfill Stopped receiving refuse and on November 24, 1970, the Site was considered to have final cover for Closure, according to a letter withen by C.W. Klassen, Director of the JEPA. Cover consisted of 24" of unknown Makinal.

BL SOURCES OF INFORMATION (CRE SPECIFIC INFORMACE W.G., STAFF BEE, SAMPHE AND/SEC, INDUSTRIES

Preliminary ASSESSMENT, 1987. EXE FIT FILES-REGION I. APPENDIX C

FIT SITE PHOTOGRAPHS

SITE NAME: GOLF AND RIVER LANDFILL

PAGE

U.S. EPA ID: IL10980612717

TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1125

DIRECTION OF PHOTOGRAPH: SOUTH

WEATHER CONDITIONS:

PARTY Cloudy & hAZY, Citarging TOT-Storms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):



DESCRIPTION:

Soil Sample #1

DATE: April 4, 1989

TIME: 1125

DIRECTION OF PHOTOGRAPH: SOUTH

VEATHER CONDITIONS: Partly Cloudy 1 hazy, changing to T-storms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Perspective of Soil Sample #1.

SITE NAME: GOLF AND RIVER LANDFILL

PAGE 2 OF 17

U.S. EPA ID: TIN980612717

TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1135

DIRECTION OF PHOTOGRAPH:

NORTHINST

WEATHER
CONDITIONS:

Partly Cloudy & hazy, CHArging TOT-Stoms And hail, then Sunny

PHOTOGRAPHED BY:
ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Soil Sample # 2.

DATE: April 4, 1989

TIME: 1135

DIRECTION OF PHOTOGRAPH:

NORTHFAST

VEATHER
CONDITIONS:
PARTLY CLOUDY ! hazy,
CHANGING TO T-STORMS
AND HAIL, then Sunny

PHOTOGRAPHED BY:

SAMPLE ID (if applicable):

DESCRIPTION:



Perspective of Soil Sample # 2.

FIELD PHOTOGRAPHY LOG SHEET	
SITE NAME: GOIF AND RIVER LANDFILL	PAGE 3 OF 17
U.S. EPA ID: ILD980612717 TDD: F65-8710-030	PAN: FILØ622SB
DATE: April 4, 1989	
TIME: 1215	
DIRECTION OF PHOTOGRAPH:	
WCST STEFIL 09806/27/7	
WEATHER CONDITIONS: MPLE 53 4/4/89	
PAYHY Cloudy & hAZY, Changing to T-Storms	
And Hair, then Sunny	
PHOTOGRAPHED BY: ANDREA DAVIS	
SAMPLE ID	
(if applicable):	
DESCRIPTION:	
Soil Sample # 3	
DATE: April 4, 1989	
TIME: 1215	
DIRECTION OF	Miles and the second
PHOTOGRAPH: WEST	
WEATHER CLASSICAL TESTAMOS	A STATE OF THE STA

CONDITIONS: And Hail, then Sunny PHOTOGRAPHED BY: ANDREA DAVIS SAMPLE ID (if applicable): 53 DESCRIPTION: Perspective of Soil Sample # 3.



SITE NAME: GOLF AND RIVER LANDFILL

PAGE 4 OF 17

U.S. EPA ID: TIN980612717 TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1230

DIRECTION OF PHOTOGRAPH:

EAST

WEATHER CONDITIONS:

Partly Cloudy & hazy, Citarging TOT-Stoms And hail; then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Soil Sample #4.

DATE: April 4, 1989

TIME: |230

DIRECTION OF PHOTOGRAPH: EAST

VEATHER CONDITIONS: Partly Cloudy 1 hazy, changing to T-storms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Perspective of Soil Sample #4.

SITE NAME: GOLF AND RIVER LANDFILL

PAGE 6 OF 17

U.S. EPA ID: TIN980612717 TDD: F05-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1345

DIRECTION OF PHOTOGRAPH: EAST

WEATHER CONDITIONS:

Partly Cloudy & hazy, Citarging To T-Storms And hail; then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Soil Sample # 6. Potential background.

DATE: April 4, 1989

TIME: 1345

DIRECTION OF PHOTOGRAPH: EAST

VEATHER CONDITIONS: Partly cloudy & hazy, changing to T-storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Perspective of Soil Sample # 6. Posential background.

SITE NAME: GOLF AND RIVER LANDFILL

PAGE 5 OF 17

U.S. EPA ID: TIN980612717 TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1305

DIRECTION OF PHOTOGRAPH: NORTH

WEATHER CONDITIONS:

Partly Cloudy & hazy, CHAnging TOT-Storms And hair, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Soil Sample # 5.

DATE: April 4, 1989

TIME: 1305

DIRECTION OF PHOTOGRAPH: NORTH

VEATHER CONDITIONS: Partly Cloudy 1 hazy, CHanging to T-storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Perspective of Soil Sample #5.

GOLFAND RIVER LANDFIL SITE NAME:

PAGE 7- OF 17

U.S. EPA ID: ILD980612717

TDD: 105-8+18-836

PAN: 11106225B



DATE: April 4, 1969 TIME: 1330 DIRECTION OF PHOTOGRAPH: NORTH TO PHOTOGRAPHED BY: ANDREW DINIS WEATHER CONDITIONS: PACHY CLOUDY & LATY, Changing TO T. Storms SAMPLE ID (if applicable): NA

AND HALL, Then Sunny

Convent and maintenance building with Small garden for corn. Land fill is to right.

SITE NAME: GOLF AND RIVER LANDFILL PAGE 8 OF 17

U.S. EPA ID: TID980612717 TDD: FØ5-8710-030 PAN: FIL06225B

DATE: April 4, 1989

TIHE: 1405

DIRECTION OF PHOTOGRAPH: WEST

WEATHER CONDITIONS:

PARTY Cloudy & hazy, CHARGING TOT-STORMS AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:

AIA

Content from back.

DATE: April 4, 1989

TIME: 1410

DIRECTION OF PHOTOGRAPH: WEST

VEATHER CONDITIONS:

Partly Cloudy 1 hazy, CHAnging to T-storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:





Boiler Room with part of old retreat Cinkp.

SITE NAME: GOIF AND RIVER LANDFILL

PAGE 9 OF 17

U.S. EPA ID: TIN980612717

TDD: FØ5 -8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1100

DIRECTION OF PHOTOGRAPH:
Southwest

VEATHER
CONDITIONS:
PARTY Cloudy & hAZY,
CHARGING TOT-STOMS
AND hail, then Sunny

PHOTOGRAPHED BY:
ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Western grade of Landfill

DATE: April 4, 1989

TIME: 1045

DIRECTION OF PHOTOGRAPH:

WEST

VEATHER
CONDITIONS:
PARHY Cloudy 1 hazy,
CHANGING TOT-Storms
AND hail, then Sunny

PHOTOGRAPHED BY:

SAMPLE ID (if applicable):

DESCRIPTION:



Southwestern portion of Landfill with eroded areas

SITE NAME: GOLF AND RIVER LANDFILL

PAGE 10 OF 17

U.S. EPA ID: TID980612717

TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1045

DIRECTION OF PHOTOGRAPH:

NOIZTHEAST

WEATHER
CONDITIONS:

PARTY Cloudy & hAZY, CHARGING TOT-StomS AND hail, then Sunny

PHOTOGRAPHED BY:
ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Landfill; Looking NorTheast.

DATE: April 4, 1989

TIME: 1355

DIRECTION OF PHOTOGRAPH:

VEATHER
CONDITIONS:
PARHY Cloudy thazy,
CHANGING TOT-Storms
AND hail, then Sunny

PHOTOGRAPHED BY:

SAMPLE ID (if applicable):

DESCRIPTION:



Previous foundation of Retreat Center

SITE NAME: GOLF AND RIVER LANDFILL

OF 17 PAGE

U.S. EPA ID: TIN980612717 TDD: FØ5-8710-030

PAN: FILØ6225B

DATE: APTIL 4, 1989

TIME: 1355

DIRECTION OF PHOTOGRAPH: FAST

WEATHER CONDITIONS: Partly Cloudy & hazy, Citarging TOT-Stoms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable): NA

DESCRIPTION:



Former RETREAT CENTER foundation in foraground. Gravel area in myddleground.

DATE: April 4, 1989

TIME: 1400

DIRECTION OF PHOTOGRAPH: FAST

VEATHER CONDITIONS: Partly Cloudy I hazy, citanging to T-storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable): NA

DESCRIPTION:



NORTHERN drainage ditch is to left, in TREES.

SITE NAME: GOLF AND RIVER LANDFILL PAGE 2 OF 17

U.S. EPA ID: ILD980612717 TDD: FØ5-8710-030 PAN: FIL06225B

DATE: April 4, 1989

TIME: 1400

DIRECTION OF PHOTOGRAPH: NORTH

VEATHER CONDITIONS:

Partly Cloudy & hazy, CHanging TOT-Stoms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable): IVA

DESCRIPTION:



Northern drainage dich along Landfill and Cometary.

DATE: April 4, 1989

TIME: 1050

DIRECTION OF PHOTOGRAPH: FAST

VEATHER CONDITIONS: Partly cloudy & hazy, CHanging to T-storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

> SAMPLE ID (if applicable):

DESCRIPTION:



South slope of landfill.

SITE NAME: GOLF AND RIVER LANDFILL PAGE 13 OF 17

U.S. EPA ID: TLD980612717 TDD: FØ5-8710-030 PAN: FIL06225B

DATE: April 4, 1989

TIME: 1035

DIRECTION OF PHOTOGRAPH:

NORTHWEST

VEATHER
CONDITIONS:
PARTY Cloudy & hazy,
CHARging TOT-StormS
And hail, then Sunny

PHOTOGRAPHED BY:
ANDREA DAVIS

SAMPLE ID
(if applicable):

DESCRIPTION:



PART of CATHODIC TEST STATION (See Section 2.3).

DATE: April 4, 1989

TIME: 1035

DIRECTION OF PHOTOGRAPH:

VEATHER
CONDITIONS:
PAYHY CLOUDY ! hazy
CHANGING TO T-Storms
AND hail, Hun Sinny

PHOTOGRAPHED BY:
ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



PART of CATHODIC Test Station (SEE Section 2.3)

SITE NAME: GOIF AND RIVER LANDFILL

PAGE |4 OF |7

U.S. EPA ID: ILD986612717 TDD: FØ5-8710-030 PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1040

DIRECTION OF PHOTOGRAPH: MA

VEATHER CONDITIONS:

Partly Cloudy & hazy, CHAnging TOT-Storms And hail; then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable): NA

DESCRIPTION:



OID nell location (?) found on Southern pertion

DATE: April 4, 1989

TIME: 1300

DIRECTION OF PHOTOGRAPH: NIA

VEATHER CONDITIONS: Partly Cloudy I hazy, CHanging to T-sterms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

> SAMPLE ID (if applicable): NA

DESCRIPTION:



Concrete Sever Structure near 55 location.

SITE NAME: GOLF AND RIVER LANDFILL

PAGE 15 OF 17

U.S. EPA ID: II) 98 66 127 | TDD: FØ5-87 10-030

PAN: FILØ6225B

DATE: April 4, 1989

TIME: 1300

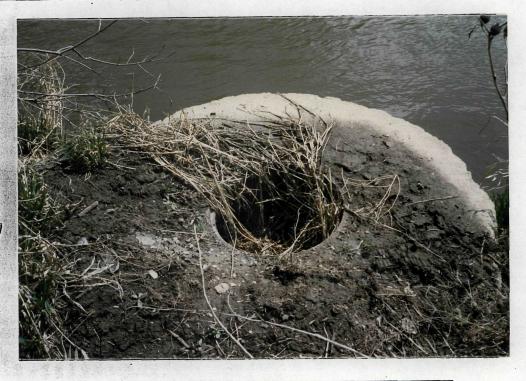
DIRECTION OF PHOTOGRAPH:

WEATHER **CONDITIONS:** Partly Cloudy & hazy, CHanging TOT-Stoms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Close-up of concrete Sower.

DATE: April 4, 1989

TIME: 1300

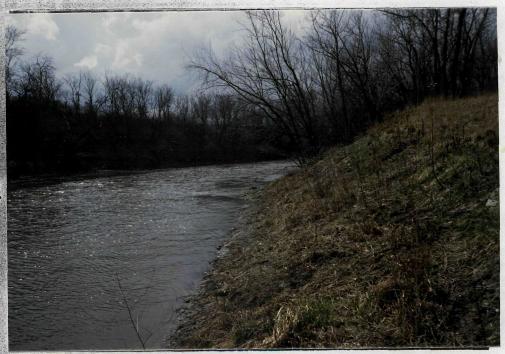
DIRECTION OF PHOTOGRAPH: WEST

WEATHER **CONDITIONS:** PARTLY COUNTY THAZY, CHANGING TO T-Storms AND hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



DES Plaines RIVER.

SITE NAME: GUIF AND RIVER LANDFILL PAGE 16 OF 17

U.S. EPA ID: ILD980612717 TDD: FØ5-8710-030 PAN: FIL06225B

DATE: April 4, 1989

TIME: 1220

DIRECTION OF PHOTOGRAPH: NORTH

WEATHER CONDITIONS:

Partly Cloudy & hazy, CHArging TOT-Stoms And hair, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable): NA

DESCRIPTION:



Eastern bank of Landfill With discarded drums.

DATE: April 4, 1989

TIME: 1230

DIRECTION OF PHOTOGRAPH: WEST

WEATHER CONDITIONS: Partly Cloudy 1 hazy, CHanging to T-storms And hail, then Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):



DESCRIPTION:

Municipal debris on Enstern Bank et landfil

SITE NAME: GOLF AND RIVER-LANDFILL PAGE 17 OF 17

U.S. EPA ID: ILD988612717 TDD: FX5-8718-838 PAN: FIL8622SB

DATE: April 4, 1989

TIME: 1235

DIRECTION OF

PHOTOGRAPH: WEST

VEATHER Partly cloudy and hazy, changing to T-storms conditions: Ann hail, Then Sunny

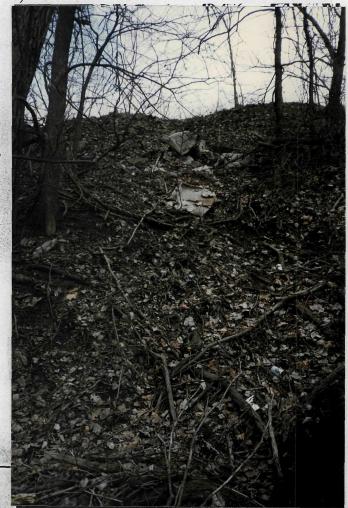
PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID

(if applicable): NA

DESCRIPTION:

Eastern bank of Landfill.



DATE: April 4, 1989

TIME: 1105

DIRECTION OF PHOTOGRAPH:
SOUTH

VEATHER CONDITIONS:

PARTY Cloudy & LAZY, Changing to T-Storms And hair than Sunny

PHOTOGRAPHED BY: ANDREA DAVIS

SAMPLE ID (if applicable):

DESCRIPTION:



Southern bank of Landfill

SI010(2/25/89)

APPENDIX D

U.S. EPA TARGET COMPOUND LIST AND

TARGET ANALYTE LIST

QUANTITATION/DETECTION LIMITS

ADDENDUM A

ROUTINE ANALYTICAL SERVICES
CONTRACT REQUIRED DETECTION AND QUANTITATION LIHITS

Contract Laboratory Program Target Compound List Quantitation Limits

COHPOUND	CAS #	VATER	SOIL SEDIMENT SLUDGE
Chloromethane	74-87-3	10 ug/L	10 ug/Kg
Bromomethane	74-83-9	10	10
Vinyl chloride	75-01-4	10	10
Chloroethane	75-00-3	10	10
Methylene chloride	75-09-2	5	5
Acetone	67-64-1	10	5
Carbon disulfide	75-15-0	5	5
1,1-dichloroethene	75-35-4		5 5
1,1-dichloroethane	75-34-3	5 5 5 5	5
1,2-dichloroethene (total)	540-59-0	5	5
Chloroform	67-66-3	5	5
1,2-dichloroethane	107-06-2	5	5
2-butanone (HEK)	78-93-3	10	10 -
1,1,1-trichloroethane	71-55-6	5	5
Carbon tetrachloride	56-23-5	5	5
Vinyl acetate	108-05-4	10	10
Bromodichloromethane	75-27-4	5	5 ,
1,2-dichloropropane	78-87-5	5	5
cis-1,3-dichloropropene	10061-01-5	5 5 5 5 5	5
Trichloroethene	79-01-6	5	5
Dibromochloromethane	124-48-1	5	5
1,1,2-trichloroethane	79-00-5	5	5
Benzene	71-43-2	5	5 5 5 5 5 5
Trans-1,3-dichloropropene	10061-02-6	5	5
Bromoform	75-25-2	5	5
4-Hethyl-2-pentanone	108-10-1	10	10
2-Hexanone	591-78-6	10	10
Tetrachloroethene	127-18-4	5	5
Tolene	108-88-3		5
1,1,2,2-tetrachloroethane	79-34-5	5 5	5
Chlorobenzene	108-90-7	5 5	5
Ethyl benzene	100-41-4		5
Styrene	100-42-5	5	5 5 5 5
Xylenes (total)	1330-20-7	5	Š

Table A
Contract Laboratory Program
Target Compound List
Semivolatiles Quantitation Limits

			SOIL SEDIMENT
COHPOUND	CAS #	VATER	SLUDGE
Phenol	108-95-2	10 ug/L	330
bis(2-Chloroethyl) ether	111-44-4	10 dg/L	330 ug/Kg 330
2-Chlorophenol	95-57-8	10	
1,3-Dichlorobenzene	541-73-1	10	330
1,4-Dichlorobenzene	106-46-7	10	330
Benzyl Alcohol	100-51-6	10	330
1,2-Dichlorobenzene	95-50-1	10	330
2-Methylphenol	95-48-7	10	330
bis(2-Chloroisopropyl) ether		10	330
4-Methylphenol	106-44-5	10	330
N-Nitroso-di-n-dipropylamine		10	330
Hexachloroethane	67-72-1	10	330
Nitrobenzene	98-95-3	10	330
Isophorone	78-59-1	10	330
2-Nitrophenol	88-75-5	10	330. 330.
2,4-Dimethylphenol	105-67-9	10	330
Benzoic Acid	65-85-0	50	330
bis(2-Chloroethoxy) methane	111-91-1	10	1600
2,4-Dichlorophenol	120-83-2	10	330
1,2,4-Trichlorobenzene	120-83-2	10	330
Naphthalene	91-20-3	10	330
4-Chloroaniline	106-47-8	10	330
Rexachlorobutadiene	87-68-3	10	330
4-Chloro-3-methylphenol	59-50-7	10	300 330
2-Methylnaphthalene	91-57-6	10	330
Bexachlorocyclopentadiene	77-47-4	10	330 330
2,4,6-Trichlorophenol	88-06-2	10	330
2,4,5-Trichlorophenol	95-95-4	50	330
2-Chloronaphthalene	91-58-7	10	1600
2-Nitroaniline	88-74-4	50	330
Dimethylphthalate	131-11-3	10	1600
Acenaphthylene	208-96-8	10	330
2,6-Dinitrotoluene	606-20-2	10	330 330
3-Nitroaniline	99-09-2	50	1600
Acenaphthene	83-32-9	10	330
2,4-Dinitrophenol	51-28-5	50	1600
4-Nitrophenol	100-02-7	50 50	1600
Dibenzofuran	132-64-9	10	330
2,4-Dinitrotoluene	121-14-2	10	330 330
Diethylphthalate	84-66-2	10	
4-Chlorophenyl-phenyl ether	7005-72-3	10	330 330

Table A
Contract Laboratory Program
Target Compound List
Semivolatiles Quantitation Limits

			SOIL SLUDGE
COMPOUND	CAS #	VATER	SEDIMENT
Fluorene .	86-73-7	10 ug/L	330 ug/Kg
4-Nitroaniline	100-01-6	50	1600
4,6-Dinitro-2-methylphenol	534-52-1	50	1600
N-nitrosodiphenylamine	86-30-6	10	330
4-Bromophenyl-phenylether	101-55-3	10	330
Hexachlorobenzene	118-74-1	10	330
Pentachlorophenol	87-86-5	50	1600
Phenanthrene	85-01-8	10	330
Anthracene	120-12-7	10	330
Di-n-butylphthalate	84-74-2	10	330-
Fluoranthene	206-44-0	10	330
Pyrene	129-00-0	10	330
Butylbenzylphthalate	85-68-7	10	330
3,3'-Dichlorobenzidine	91-94-1	20	660
Benzo(a)anthracene	56-55-3	10	330
Chrysene	218-01-9	10	330
bis(2-Ethylhexyl)phthalate	117-81-7	10	330
Di-n-octylphthalate	117-84-0	10	330
Benzo(b)fluoranthene	205-99-2	10	330
Benzo(k)fluoranthene	207-08-9	10	330
Benzo(a)pyrene	50-32-8	10	330
Indeno(1,2,3-cd)pyrene	193-39-5	10	330
Dibenz(a,h)anthracene	53-70-3	10	330 330
Benzo(g,h,i)perylene	191-24-2	10	330

Table A
Contract Laboratory Program
Target Compound List
Pesticide and PCB Quantitation Limits

			SOIL SEDIMENT
COHPOUND	CAS #	VATER	SLUIXE
alpha-BHC	319-84-6	0.05 ug/L	8 ug/Kg
beta-BHC	319-85-7	0.05	8
delta-BHC	319-86-8	0.05	8
gamma-BHC (Lindane)	58-89-9	0.05	8
Heptachlor	76-44-8	0.05	8
Aldrin	309-00-2	0.05	8
Beptachlor epoxide	1024-57-3	0.05	8
Endosulfan I	959-98-8	0.05	8
Dieldrin	60-57-1	0.10	16
4,4'-DDE	72-55-9	0.10	16
Endrin	72-20-8	0.10	16
Endosulfan II	33213-65-9	0.10	16
4,4'-DDD	72-54-8	0.10	16
Endosulfan sulfate	1031-07-8	0.10	16
4,4'-DDT	50-29-3	0.10	16
Methoxychlor (Mariate)	72-43-5	0.5	80
Endrin ketone	53494-70-5	0.10	16
alpha-Chlordane	5103-71-9	0.5	80
gamma-chlordane	5103-74-2	0.5	80
Toxaphene	8001-35-2	1.0	160
AROCLOR-1016	12674-11-2	0.5	80
AROCLOR-1221	11104-28-2	0.5	80
AROCLOR-1232	11141-16-5	0.5	80
AROCLOR-1242	53469-21-9	0.5	80
AROCLOR-1248	12672-29-6	0.5	80
AROCLOR-1254	11097-69-1	1.0	160
AROCLOR-1260	11096-82-5	1.0	160

Table A (Cont.)

CONTRACT LABORATORY PROGRAM TARGET ANALYTE LIST (TAL) INORGANIC DETECTION LIMITS

•		Detection Limits		
Compound	Procedure	Water (µg/L)	Soil Sediment Sludge (mg/kg)	
aluminum	ICP	200	40	
antimony	furnace	60	2.4	
arsenic	furnace	10	2	
barium	ICP	200	40	
beryllium	ICP	5	1	
cadmium	ICP	5	1	
calcium	ICP	5,000	1,000	
chromium	ICP	10	2	
cobalt	ICP	50	10	
copper	· ICP	25	5	
iron	ICP	100	20	
lead	furnace	5	1	
magnesium	ICP	5,000	1,000	
manganese	ICP	15	3	
mercury	cold vapor	0.2	0.008	
nickel	ICP	40	8	
potassium	ICP	5,000	1,000	
selenium	furnace	5	1	
silver	ICP	10	2	
sodium	ICP	5,000	1,000	
thallium	furnace	10	2	
tin	ICP	40	8	
vanadium	ICP	50 ·	10	
zinc	ICP	20	4	
cyanide	color	10	2	

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APPENDIX E

WELL LOGS OF THE AREA OF THE SITE

STUMER MEALTH PROTECTION, SIS WEST WELL LOUT #2

PEQUESTED AND MAIL ORIGINAL TO STATE NSUMER I TH PROT 10N, 535 WEST 781. DO NO : DETACH GELLOGICAL/WATER PROPER WELL LOCATION.

GEO	LOGICAL AND WATER	SURVEYS	WELL REC	CORD
				h 3
	ty owner Georg Nube			
Addre	** 10 N. East Riv	<u>ær Rd.</u> D	es Plan	nes II.
Drille	Mitchell J. Si	ynabako	se No. 102	-001088
II. Permi	No. 105806	Date _	_Dec	1982
12. Water	from limestone	13. Cou	nty	K
at dep	th 124 to 390 ft.		. <u>9,2</u> a	
14. Screen	: Diamin.	Tw	. <u>41N</u>	
Lengtl	n:ft. Slot	Rge	. <u>12E</u>	
		Elev	v }	╼╂╼╂╼┨
15. Casing	and Liner Pipe		ı	
Diem. (ia.)	Kind and Weight	From (Ft.)	To (FL.)	SHOW LOCATION IN
6"	Galv. 19.5 lb.	grade	124'	RCTION PLAT
	,		SE	
•		 		
	ole below casing: 6"	<u> </u>	لسسسا	
D. SIZE D	level 180 it. below casi		-N 1- 2	1 4
oboue	ground level. Pumping lev	es 221 km	- Language 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 m
	ground level. Fumping lev	** 11.	wass bemb	104 G(
97				
8.	ORMATIONS PASSED THROUGH	5H	THICKNES	DEPTH OF BOTTOM
Yello	w clay	\v \	1'	1'
braa		34	16'	17'
	clay	24/1/22	80'	97'
clay.	gravel & sand		27'	124'
limes		¥/ 7	266'	390'
chale		12	10'	400'

(CONTINUE ON SEPARA	TE SHEET	'IF NECESSARY)			
SIGNED Lakel	. 822	MAYGUE DATE	J. 1201	24	165
Subcontrate				412-	

9- COK 41N 12E

QUESTED AND MAIL ORIGINAL TO STATE UMER HEALTH PROTECTION, 535 WEST 1. DO NOT TO CH GEO HICAL/WATER PROPER N. LOCATIO.

WELL LOG 4

PROPER . LOCATIO).,		
	ND WATER SURVEYS	mpleted 6/	2 3/76
10. Property owner	SIGH Augusta	Well No.	xice.
Driller 25	11 allund Licens	e No. 10:2	84
11. Permit No. 25/4	Date L	aty Chase	
at depth to	TO ALLOR	9 [
14. Screen: Dicm	in. Twp		
Length:ft. S	lot Rge Elev	IZE -	
15. Casing and Liner P	<u> </u>		
	nd Weight From (Fi.)		SHOW CATION IN TION PLAT
5 Stato	0 0 0	76.5 NW	NW SE
	× on Light		(permit
16. Size Hole below cas	sing: 4 in.	•	
10 0 1 1 1 1	(A	<u> </u>	
17. Static leveli above ground level.	ft. below casing top whice Pumping levelft.	h is <u> </u>	g at ft.
above ground level. gpm for hours	Pumping levelft. 5.	when pumpin	g at
above ground level. gpm for hours	Pumping levelft.	h is when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5.	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. PORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. FORMATIONS P	Pumping levelft. 5. ASSED THROUGH	when pumpin	g at
above ground level. gpm for hours 18. FORMATIONS P ONE COLUMN Americans Americans	Pumping levelft. assed through A	THICKNESS	g at
above ground level. gpm for hours 18.	Pumping levelft. 5. ASSED THROUGH	THICKNESS	g at

COUNTY NO 25343.

9-41N-12E

AL /WATER SHIVEYS SECTION. BE SURE TO	WELL	tog 5	THE DOWN DETHING GENERAL CAMPANTER	ELL E	
	<u> </u>	∠ .	4: PROPER # OCATIO		
GEOLOGICAL AND WATER SURVEYS W	ELL REC	Ohu	GEOLOGICAL AND WATER SURVEYS	WELL RECO	ORD
Completed Augus	st 5, 197	7	E gompleted	December 2	, 1977
10. Property owner J. G. YECK	Well No. 世	·77	10. Property owner Merge Dusch	_ Well No.	
Address LSON. FASTRINGRED	· DESPL	AINES	Address 310 6. River Rd. Driller A. R. Hoover Lices	Des th	mae
Driller TISZWMRNSKO'_ License			Driller A. Hoover Licen	se No	2-78
11. Permit No. 62607 Date	24-7	Z	11. Permit No. <u>68986</u> Dute		
12. Water from LINE STONE 13. Coun	ty Cook		12. Water from 13. Con		
at depth 134 to 275ft. Sec.			et depthtoft. Sec	9	
14. Screen: Diamin. Twp.	## L		14. Screen: Diamin. Tw Length:ft. Slot Ro	12E	
Length:ft. Slot Rge.	186	الللل		v	
15. Casing and Liner Pipe			15. Casing and Liner Pipe	· [
Diam. (in.) Kind and Weight From (Pt.)	To (Pt.)	SHOW DCATION IN	Diem. (in.) Kind and Weight From (Pt.)	To (Ft.)	MOT CATION B
5 GAL #15 0		CTION PLAT	5 Dew Salv. Te C 0	17/	TION PL
		SW SE	14.81 and.	50	'NL,300
	((permit)	770	SE	NW SE
16. Size Hole below coming 47/2 in.	<u></u>		16. Size Hole below cosing: 5 in.	······································	(permi
17. Static level 208 ft. below casing top which	1. ONE	ft.	17. Static levelft. below casing top whi	ich is	
above ground level. Pumping level 208 ft.	when pumpin	og at LQ	above ground level. Pumping levelf		
man for 15 hours on	. •	-	gpm forhours.		-
gym to the nours. Sub pump set at 25	5 7'		gpia for sours.		
gpm for hours. Sub pump set at 25		DEPTH OF BOTTOM	18. PORMATIONS PASSED THROUGH	THICKNESS	DEPTH O
18. FORMATIONS PASSED THROUGH		DEPTH OF BOTTOM	18. FORMATIONS PASSED THROUGH Clay	ТИЗСЕН В 50 9	DEPTH OF
18. POPMATIONS PASSED THROUGH	THICKNESS				
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL	THICKNESS	3	18. FORMATIONS PASSED THROUGH Clay	9	9
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY	THICKNESS	3	18. FORMATIONS PASSED THROUGH Clay Sandy Clay	9 3	9 12
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY SAND	3 15 51	3 18 69	18. FORMATIONS PASSED THROUGH Clay Sardy Clay Hardpan	9 3	9 12 154
18. FORMATIONS PASSED THROUGH TOP SOIL SAND + GRAVEL GRAVEL + Chay SAND SAND + GRAVEL	######################################	3 18 69 77	18. FORMATIONS PASSED THROUGH Clay Sandy clay Hardpan Fravel & limistone (no wa	9 3 142 te) 7	9 12 154 161
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+Chay SAND SAND +GRAVEL CLAY +GRAVEL	3 15 51 8 17 39	3 18 69 77 94	18. FORMATIONS PASSED THROUGH Clay Sandy clay Hardpan Fravel & limistone (no wa	9 3 142 ta) 7 10	9 12 154 161 171
18. FORMATIONS PASSED THROUGH TOP SOIL SAND + GRAVEL GRAVEL + Chay SAND SAND + GRAVEL CLAY + GRAVEL SAND+ GRAVEL	3 15 51 8 17 39 01	3 18 69 77 94 133 134	18. FORMATIONS PASSED THROUGH Clay Sandy clay Hardpan Fravel & limistone (no wa	9 3 142 ta) 7 10	9 12 154 161 171
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+Chay SAND SAND +GRAVEL CLAY +GRAVEL	3 15 51 8 17 39 01	3 18 69 77 94 133	18. FORMATIONS PASSED THROUGH Clay Sandy clay Hardpan Fravel & limistone (no wa	9 3 142 ta) 7 10	9 12 154 161 171
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY SAND SAND +GRAVEL CLAY +GRAVEL SAND+GRAVEL LIMESTONE	3 15 51 8 17 39 01	3 18 69 77 94 133 134	18. FORMATIONS PASSED THROUGH Clay Sandy clay Hardpan Fravel & limistone (no wa	9 3 142 ta) 7 10 69	9 12 154 161 171
18. FORMATIONS PASSED THROUGH TOP SOIL SAND + GRAVEL GRAVEL + Chay SAND SAND + GRAVEL CLAY + GRAVEL SAND+ GRAVEL	3 15 51 8 17 39 01	3 18 69 77 94 133 134	18. FORMATIONS PASSED THROUGH Clay Sandy Clay Hardpan Gravel & limistone (no wa Gravel & Clay Shale	9 3 142 te) 7 10 69	9 12 154 161 171
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY SAND SAND +GRAVEL CLAY +GRAVEL SAND+GRAVEL LIMESTONE	3 15 51 8 17 39 01	3 18 69 77 94 133 134	28. FORMATIONS PASSED THROUGH Clay Sardy Clay Hardpan Gravel & limestone (no wa Shavel & Clay Shale (CONTINUE ON SEPARATE SHEET IF NECESSAR) SIGNED Army & Hooken legano	9 3 142 te) 7 10 69	9 12 154 161 171 240
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY SAND SAND +GRAVEL CLAY +GRAVEL SAND+GRAVEL LIMESTONE	3 15 51 8 17 39 01	3 18 69 77 94 133 134	28. FORMATIONS PASSED THROUGH Clay Sardy Clay Hardpan Gravel & limestone (no wa Shavel & Clay Shale (CONTINUE ON SEPARATE SHEET IF NECESSAR) SIGNED Army & Hooken legano	9 3 142 te) 7 10 69	9 12 154 161 171 240
18. FORMATIONS PASSED THROUGH TOP SOIL SAND+GRAVEL GRAVEL+CLAY SAND SAND +GRAVEL CLAY +GRAVEL SAND+GRAVEL LIMESTONE	15 51 8 17 39 01 141	3 18 69 77 94 133 134	18. FORMATIONS PASSED THROUGH Clay Sandy Clay Hardpan Gravel & limistone (no wa Gravel & Clay Shale	9 3 142 4) 7 10 69	9 12 154 161 171 240

These well logs NOT included on 4-mile radius MAP due to Proximily to Well log # 3.